

Von: Schneider, Annika Lyn -IIB4-
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An: Karcher, Johannes
Betreff: Factsheet UPC
Anlagen: 20131219 Factsheet UPC.docx; Factsheet Kosten UPC.xlsx

Hallo Herr Karcher,

ich habe Sie gerade nicht in Ihrem Dienstzimmer angetroffen, daher auf diesem Wege:

Anbei finden Sie das Factsheet zum Einheitlichen Patentgericht sowie die Excel Tabelle mit einer Übersicht über die voraussichtlichen Kosten. Gerne kann ich noch weitere Daten einfügen. Geben Sie mir einfach nach einer ersten Durchsicht Bescheid.

Wenn Sie keine neue Aufgabe für mich haben, werde ich mir noch mal die Vorschläge zur Regelung der Teilzeitrichtertätigkeit ansehen.

Schöne Grüße

Annika Schneider

9516 — -31 49/2014

Factsheet Concerning the Establishment of the United Patent Court

GENERAL ASSUMPTIONS

- Full operation of the Court is expected for 2025.
- Costs concerning the establishment of the UPC relate to staff, IT and operation.
- Annual increase of caseload by 1/10 between 2015 and 2025.
 - Total expected caseload for 2015: approx. 225 proceedings.
 - Total expected caseload for 2025: approx. 2250 proceedings.
- Each panel of the Court sits in a formation of (at least) three judges.
- Employment of part-time judges during the start-up phase of the Court.
- Total expected personnel for 2015: 41,5
 - 28,5 judges (= 10 full-time judges + 13,5 part-time judges + buffer of 5 judges)
 - 1 registrar and 1 assistant registrar
 - 11 registry employees
- Total expected personnel for 2025: 128
 - 86 judges
 - 1 registrar and 1 assistant registrar
 - 40 registry employees
- During the start-up phase of the Court, 80% of all 225 proceedings are expected to be tried in the local divisions of the 6 most patent-active member states or in the local divisions; the other 20% are expected to be tried in the other member states:
- 55% of all proceedings relate to patent infringement in first instance.
- 45% of all proceedings relate to appeals or nullity proceedings.

COURT OF FIRST INSTANCE – CASELOAD AND PERSONNEL REQUIREMENTS

- Local divisions
 - Approx. 120 patent infringement proceedings are expected for 2015.
 - Employment of 6 full-time judges in the local divisions of the most patent-active member states during the start-up phase of the Court: Germany (2), France (1), United Kingdom (1), Netherlands (1), Nordic member states (1).
 - Remaining positions in the panels will be occupied with part-time judges.
 - Approx. 1200 patent infringement proceedings are expected for 2025.
 - Employment of 34 full-time judges in the local divisions.

January 7, 2014

- Central division
 - Approx. 60 nullity proceedings are expected for 2015.
 - Employment of 3 full-time judges for the departments of the central division during the start-up phase of the Court.
 - Remaining positions in the panels will be occupied with part-time judges.
 - Approx. 600 nullity proceedings are expected for 2025.
 - Employment of 24 full-time judges at the central division.
- Total: 9 full-time judges plus part-time judges in 2015; 58 full-time judges in 2025

COURT OF APPEAL – CASELOAD AND PERSONNEL REQUIREMENTS

- Patent infringement appeal proceedings
 - Approx. 30 patent infringement appeal proceedings are expected for 2015.
 - Employment of 1 full-time judge at the Court of Appeal during the start-up phase of the Court; remaining positions in the panels will be occupied with part-time judges.
 - Approx. 300 patent infringement appeal proceedings are expected for 2025.
 - Employment of 12 full-time judges at the Court of Appeal.
- Nullity appeal proceedings
 - Approx. 15 nullity appeal proceedings are expected for 2015.
 - Employment of 1 full-time judge (*see supra*).
 - Approx. 150 nullity appeal proceedings are expected for 2025.
 - Employment of 6 full-time judges at the Court of Appeal.
- Total: 1 full-time judge plus part-time judges in 2015; 18 full-time judges in 2025

REGISTRY

- Employment of 1 registrar and 1 assistant registrar from 2015 (steady).
- Employment of 11 registry employees in 2015
 - 1 position for each of the 6 local divisions of the most patent-active member states, hence, 6 positions.
 - 3 positions for the local divisions of the other member states.
 - 1 position for the central division.
 - 1 position for the Court of Appeals.
- Employment of 40 registry employees in 2025
 - Local divisions:
 - 2 positions for each local division of the most patent-active member states, hence, 16 positions (Germany (8), France (2), United Kingdom (2), Netherlands (2), Nordic States (2)).
 - 1 position for each local division, for the other 15 member states, hence, 15 positions.
 - Central division: 2 positions for each of the 3 locations, hence, 6 positions.
 - Court of Appeal: 3 positions.
- The specific demand for registry employees will increase in accordance with the increasing workload between 2015 and 2025.

SALARIES

- Judges and registrar: 13.500 € per month, hence, 162.000 € annually.
- Registry employees:
 - Official posts "A": 5.000 € per month, hence, 60.000 € annually.
 - Official posts "B": 2.920 € per month, hence, 35.040 € annually.
- Social costs (based on basic salary)
 - Pension contribution: 27,9 %
 - Health insurance: 2,4 %
 - Long-term care insurance: 1,2 %

IT EXPENSES

- Onetime expenses in 2014: 864.000 €
 - Expenses for development and provision (744.000 €)
 - Target analysis and call for bids (120.000 €)
- Annual expenses as from 2015: 1.650.154 €
 - Server (12.154 €)
 - Lease (1.560.000 €)
 - Hosting service (78.000 €)
 - Onetime surcharge in 2015 due to pre-financing (380.160 €)

OPERATING COSTS

Specific operation costs will increase annually by 10% of the difference between the amount of expenses of 2015 and 2025).

- Total operating costs in 2015: 563.400 €
 - Stationery (20.000 €)
 - Telecommunications (10.000 €)
 - Representation (58.400 €)
 - Official trips (189.000 €)
 - Legal aid (99.000 €)
 - Translator (43.000 €)
 - Translations (144.000 €)
- Total operating costs in 2025: 611.800 €
 - Stationery (68.400 €)
 - Telecommunications (34.200 €)
 - Representation (58.400 €)
 - Official trips (872.100 €)
 - Legal aid (1.079.100 €)
 - Translator (43.000 €)
 - Translations (144.000 €)

Factsheet concerning the establishment of the United Patent Court

Area	Year	Specific expense factor	No. of positions	Percentage	Timeframe	Amount of expenses	Amount GER (44 %)
IT	2014	Development and provision				744.000,00 €	327.360,00 €
		Target analysis and call for bids				120.000,00 €	52.800,00 €
	2015	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
		onetime surcharge (due to pre-financing)				380.160,00 €	380.160,00 €
						2.030.314,00 €	1.106.227,76 €
	2016	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
						1.650.154,00 €	726.067,76 €
	2017-2025				per year	1.650.154,00 €	726.067,76 €
					for 9 years	14.851.386,00 €	6.534.609,84 €
				total	19.395.854,00 €	8.747.065,36 €	

Staff	2015	Judges					
		Full time judges for local divisions					
		GER	2			324.000,00 €	142.560,00 €
		FRA	1			162.000,00 €	71.280,00 €
		UK	1			162.000,00 €	71.280,00 €
		NL	1			162.000,00 €	71.280,00 €
		Nordic MS	1			162.000,00 €	71.280,00 €
			8		per year	972.000,00 €	427.680,00 €
		Full time judges for central division		3	per year	486.000,00 €	213.840,00 €
		Full time judges for Court of Appeal		1	per year	162.000,00 €	71.280,00 €
		Part time judges		13,5		n/a	n/a

Buffer		5			
		total 28,5		per year	1.620.000,00 € (w/o part time judges)
					712.800,00 € (w/o part time judges)
Registrars					
Registrar		1			162.000,00 €
Assistant Registrar		1			71.280,00 €
		2		per year	162.000,00 €
					324.000,00 €
Registry employees for the local divisions				per year	142.560,00 €
GER		2			
FRA		1			
UK		1			
NL		1			
Nordic MS		1			
other member states		3			
for the central division		1			
for the Court of Appeal		1			
		11			n/a
Social costs					n/a
pension contribution			27,90%		
health insurance			2,40%		
long-term care insurance			1,20%		
			31,50%		
2025 Full-time judges		86		per year	13.932.000,00 €
p.r.n. bonus for presidents					6.130.080,00 €
					n/a
Registrars					
Registrar		1			162.000,00 €
Assistant Registrar		1			71.280,00 €
		2		per year	162.000,00 €
					324.000,00 €
Registry employees for the local divisions					142.560,00 €

	GER	8				
	FRA	2				
	UK	2				
	NL	2				
	Nordic MS	2				
	Other member states	15				
	for the central division	6				
	for the Court of Appeal	3				
		40		per year	n/a	n/a
	Social costs					
	pension contribution		27,90%			
	health insurance		2,40%			
	long-term care insurance		1,20%			
			31,50%			
Operating costs 2015	Stationery			20.000,00 €	8.800,00 €	
	Telecommunications			10.000,00 €	4.400,00 €	
	Representation			58.400,00 €	25.696,00 €	
	Official trips			189.000,00 €	83.160,00 €	
	Legal aid			99.000,00 €	43.560,00 €	
	Translator			43.000,00 €	18.920,00 €	
	Translations			144.000,00 €	63.360,00 €	
				583.400,00 €	247.896,00 €	
2016	Stationery			24.400,00 €	10.736,00 €	
	Telecommunications			12.200,00 €	5.388,00 €	
	Representation			58.400,00 €	25.696,00 €	
	Official trips			251.100,00 €	110.484,00 €	
	Legal aid			188.100,00 €	82.764,00 €	
	Translator			43.000,00 €	18.920,00 €	
	Translations			144.000,00 €	63.360,00 €	
				567.800,00 €	249.832,00 €	
2016	Stationery			28.800,00 €	12.672,00 €	
	Telecommunications			14.400,00 €	6.336,00 €	
	Representation			58.400,00 €	25.696,00 €	
	Official trips			313.200,00 €	137.808,00 €	

2017	Legal aid	277.200,00 €	121.968,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		572.200,00 €	251.768,00 €
	Stationery	33.200,00 €	14.608,00 €
	Telecommunications	16.600,00 €	7.304,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	375.300,00 €	165.132,00 €
	Legal aid	366.300,00 €	161.172,00 €
2018	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		576.600,00 €	253.704,00 €
	Stationery	37.600,00 €	16.544,00 €
	Telecommunications	18.800,00 €	8.272,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	437.400,00 €	192.456,00 €
	Legal aid	455.400,00 €	200.376,00 €
	Translator	43.000,00 €	18.920,00 €
2019	Translations	144.000,00 €	63.360,00 €
		581.000,00 €	255.640,00 €
	Stationery	42.000,00 €	18.480,00 €
	Telecommunications	21.000,00 €	9.240,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	499.500,00 €	219.780,00 €
	Legal aid	544.500,00 €	239.580,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
2020			
		585.400,00 €	257.576,00 €
	Stationery	46.400,00 €	20.416,00 €
	Telecommunications	23.200,00 €	10.208,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	561.600,00 €	247.104,00 €
	Legal aid	633.600,00 €	278.784,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		589.800,00 €	259.512,00 €

2021	Stationery	50.800,00 €	22.352,00 €
	Telecommunications	25.400,00 €	11.176,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	623.700,00 €	274.428,00 €
	Legal aid	722.700,00 €	317.988,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		594.200,00 €	261.448,00 €
2022	Stationery	55.200,00 €	24.288,00 €
	Telecommunications	27.600,00 €	12.144,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	685.800,00 €	301.752,00 €
	Legal aid	811.800,00 €	357.192,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		598.600,00 €	263.384,00 €
2023	Stationery	59.600,00 €	26.224,00 €
	Telecommunications	29.800,00 €	13.112,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	747.900,00 €	329.076,00 €
	Legal aid	900.900,00 €	396.396,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		603.000,00 €	265.320,00 €
2024	Stationery	64.000,00 €	28.160,00 €
	Telecommunications	32.000,00 €	14.080,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	810.000,00 €	356.400,00 €
	Legal aid	990.000,00 €	435.600,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		607.400,00 €	267.256,00 €
2025	Stationery	68.400,00 €	30.096,00 €
	Telecommunications	34.200,00 €	15.048,00 €
	Representation	58.400,00 €	25.696,00 €

Official trips

Legal aid

Translator

Translations

872.100,00 €

383.724,00 €

1.079.100,00 €

474.804,00 €

43.000,00 €

18.920,00 €

144.000,00 €

63.360,00 €

611.800,00 €

269.192,00 €

total

7.051.200,00 €

3.102.528,00 €

Von: Schneider, Annika Lyn -III B4-
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An: Karcher, Johannes
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Lieber Herr Karcher,

anbei finden Sie das überarbeitete Factsheet zum Einheitlichen Patentgericht. Ich habe in das Dokument noch einige Kommentare eingefügt.

Schon an dieser Stelle habe ich aber noch ein paar kleinere Anmerkungen:

- Ich habe mich bei den Daten an die Angaben aus den Anlagen a)-c) zu dem Informationspapier zur Errichtung des Einheitlichen Patentgerichts gehalten.

- In den Anlagen finden sich keine mit den im Kommissionspapier vergleichbaren Angaben/ Aufarbeitungen zum erwarteten "caseload"; dieser wird nur indirekt für die Berechnung der Richterstellen behandelt. Vor diesem Hintergrund habe ich hierzu auch nur allgemeine Angaben machen können & mich primär auf die Berechnung der erforderlichen Richterstellen konzentriert.

- Die Berechnung der erforderlichen Richterstellen ist nicht leicht darzustellen. Ich habe mich daher für ein „Formelmodell“ entschieden, bei dem ich die einzelnen Zahlen in eine Formel eingefügt habe, um das Ergebnis zu verdeutlichen.

- Einige Berechnungsschritte waren schwer darstellbar, da entweder in den Anlagen keine umfassenden Informationen zu einzelnen Punkten genannt wurden bzw. einige Daten auf Annahmen beruhen, die so nicht offen genannt werden sollten (z.B. „most patent active member states“ oder die Berechnung aufgrund der Fallzahlen an deutschen Gerichten). Hier habe ich mich dann auf die bloße Nennung der Daten beschränkt.

Ich hoffe, dass dieses Papier für Sie hilfreich ist. Ich kann auch noch morgen früh weitere Änderungen vornehmen und Ihnen kurzfristig zukommen lassen.

Außerdem habe ich auch das Excel-Sheet zur Übersicht über alle Kosten angepasst. Die v1 enthält dabei noch an einzelnen Stellen eine Aufgliederung nach den „aktiveren“ Mitgliedsstaaten. Die v2 fasst diese alle zusammen. Beide Versionen enthalten allerdings eine Spalte, die die Kosten für Deutschland (44% von den Gesamtkosten) darstellt.

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Diese könnte jedoch, um als allgemeines Papier zu gelten, gelöscht werden. Bitte beachten Sie auch hier noch die kleineren Anmerkungen im Dokument selbst.

Beste Grüße

Annika Schneider

Factsheet Concerning the Establishment of the Unified Patent Court

GENERAL ASSUMPTIONS

- The Agreement on a Unified Patent Court will enter into force on January 1, 2015.
- Full operation of the Court is expected for 2025.

Caseload/ Proceedings

- Between 2015 and 2025: annual increase of caseload by 1/10.
 - Total expected caseload for 2015: approx. 225 proceedings.
 - Total expected caseload for 2025: approx. 250 proceedings.
- 55% of all proceedings relate to patent infringement in first instance.
- 45% of all proceedings relate to appeals or nullity proceedings.
- Total of 200 workdays per year.

Personnel

- Each panel of the Court sits in a formation of (at least) three judges.
- Employment of part-time judges during the start-up phase of the Court.
- One full-time judge can presumably handle 35 first instance proceedings per year.
- One full-time judge can presumably handle 25 appeal proceedings per year.
- Total expected personnel for 2015: 41,5
 - 28,5 judges
 - Calculation: $28,5 \approx 3^1 \cdot \left(\frac{(225 \cdot 0,55)^2 \cdot 6^3}{200^4} \right) + \left(\frac{(225 \cdot 0,45)^2 \cdot 8^6}{200} \right) + 5^7$
(small digits relate to footnotes)
 - Allocation: 10 full-time judges (6 for local division, 3 for central division, 1 for Court of Appeal) + 13,5 part-time judges + buffer of 5.
 - 1 registrar and 1 assistant registrar
 - 11 registry employees (9 positions for local divisions, 1 position for central division and 1 position for Court of Appeal)

Kommentar [SAL-1]: Andere Daten als in der KOM Studie: 123 (high up-take) oder 7 (low up-take) Fälle (S. 25).

Kommentar [SAL-2]: Andere Daten als in der KOM Studie: 1909 (high up-take) oder 1324 (low up-take) Fälle (S. 26).

Kommentar [SAL-3]: Woher kommen diese Prozentangaben? In der Kommissionstudie werden andere Angaben gemacht (90% bzw. 10% angegeben, S. 28).

Kommentar [SAL-4]: Im Kommissionspapier 220 Arbeitstage (S. 56).

Kommentar [SAL-5]: Im Kommissionspapier wird einerseits zwischen der Anfangsphase und dem Endzustand unterschieden. Andererseits wird die Anzahl der Tage nach dem Bild eines „idealen Gesamtrichters“ gebildet um die bearbeiteten Fälle zu schätzen.

Kommentar [SAL-6]: Für die Berechnung habe ich mich an den Berechnungsschritten der Tabelle aus Anlage b zu den Personalkosten (S. 3) orientiert.

Zu beachten ist, dass bei exakter Berechnung etwas andere Ergebnisse herauskommen. Das Ergebnis beträgt dann nicht 28,5 sondern gerundet vielmehr 28! Der Unterschied ergibt sich aus der Multiplikation mit den Arbeitstagen, insbesondere der auf 6 gerundeten (200/35).

ANDERE VARIANTEN AUF S. 41

Kommentar [SAL-7]: In den Berufungsverfahren sind aber sogar 5 Richter erforderlich! Passt dies zu der hierigen Berechnung? Können die übrigen Stellen über den Puffer abgefangen werden?

¹ Since one panel consists of three judges, the whole result has to be multiplied by 3.

² 55 % of the 225 expected proceedings will be first instance cases ($225 \cdot 0,55 \approx 124$).

³ It is necessary to determine the number of workdays necessary to complete one case. Therefore one has to set the number of workdays per year in relation to the number of presumably manageable cases per year: if one full-time judge can presumably handle 35 first-instance cases in one year with 200 workdays, he needs 6 workdays per case ($200/35 \approx 6$).

⁴ In order to determine the number of necessary full-time judges each result has to be set into relation to the number of workdays per year.

⁵ 45 % of the 225 expected proceedings will be nullity/ appeal cases ($225 \cdot 0,45 \approx 101$).

⁶ In appeal/ nullity cases, one full-time judge can presumably handle 25 cases in one year with 200 workdays, hence he needs 8 workdays per case ($200/25 = 8$).

⁷ An additional buffer of 5 judges should be added in order to ensure a smooth course of the proceedings.

- o Total expected personnel for 2025: 128

- 86 judges (full-time)

- Calculation: $86 \approx \left(\frac{((2250 \cdot 0,55) \cdot 6)}{200} \right) + \left(\frac{((2250 \cdot 0,45) \cdot 8)}{200} \right) + 10^8$

Kommentar [SAL-8]: Alternative Berechnungsmethode s.u.

Ggf. hier nicht verständlich, warum hier keine Multiplikation mit 3 erfolgt.

- 1 registrar and 1 assistant registrar
- 40 registry employees (31 positions for local divisions, 6 positions for central division, 3 positions for Court of Appeal)

COURT OF FIRST INSTANCE – CASELOAD AND POSITIONS FOR JUDGES

• Local divisions

- o Approx. 124 first-instance patent infringement proceedings are expected for 2015.
 - Employment of 6 full-time judges in the local divisions so as to ensure the presence of a full-time judge.
 - Remaining positions in the panels will be occupied with part-time judges.

Kommentar [SAL-9]: Wie erfolgt hier die Berechnung?

- o Approx. 1200⁹ first-instance patent infringement proceedings are expected for 2025.
 - Employment of 34 full-time judges in the local divisions.
 - Calculation: $34 = \frac{1200}{35}$

• Central division

- o Approx. 60 nullity proceedings are expected for 2015.
 - Employment of 1 full-time judge for each of the departments of the central division during the start-up phase of the Court (total: 3 full-time judges)
 - Remaining positions in the panels will be occupied with part-time judges.
- o Approx. 600 nullity proceedings are expected for 2025.
 - Employment of 24 full-time judges at the central division.
 - Calculation: $24 = \frac{1200}{25}$

- Total: 9 full-time judges plus part-time judges in 2015; 58 full-time judges in 2025.

⁸ The additional 10 judges result from the necessity of a pool of technical judges at the central division for all areas of technology. These judges will also be called on for local division proceedings.

⁹ Rounded number of first-instance patent infringement proceedings ($2250 \cdot 0,55 = 1237,5 \rightarrow 1200$).

COURT OF APPEAL – CASELOAD AND POSITIONS FOR JUDGES

- Patent infringement appeal proceedings
 - Approx. 30 patent infringement appeal proceedings are expected for 2015.
 - Employment of 1 full-time judge at the Court of Appeal during the start-up phase; remaining positions in the panels will be occupied with part-time judges.
 - Calculation: $1 \approx \frac{30}{25}$
 - Approx. 300 patent infringement appeal proceedings are expected for 2025.
 - Employment of 12 full-time judges at the Court of Appeal.
 - Calculation: $12 = \frac{300}{25}$
- Nullity appeal proceedings
 - Approx. 15 nullity appeal proceedings are expected for 2015.
 - Employment of 1 full-time judge (see *supra*).
 - Approx. 150 nullity appeal proceedings are expected for 2025.
 - Employment of 6 full-time judges at the Court of Appeal.
 - Calculation: $6 = \frac{150}{25}$
- Total: 1 full-time judge plus part-time judges in 2015; 18 full-time judges in 2025

Kommentar [SAL-10]: Stimmen diese Berechnungen?

REGISTRY

- Employment of 1 registrar and 1 assistant registrar from 2015 (steady).
- Employment of 11 registry employees in 2015.
 - 9 positions for the local divisions.
 - 1 position for the central division.
 - 1 position for the Court of Appeals.
- Employment of 40 registry employees in 2025.
 - 31 positions for the local divisions.
 - 2 positions for each of the 3 locations of the central division, hence, 6 positions.
 - 3 positions for the Court of Appeal.
- The specific demand for registry employees will increase in accordance with the increasing workload between 2015 and 2025.

SALARIES

The salaries for judges, registrars and other employees are based on salaries at the EPO:

- Judges and registrar: 13.500 € per month, hence, 162.000 € annually.
- Registry employees:
 - Official posts "A": 5.000 € per month, hence, 60.000 € annually.
 - Official posts "B": 2.920 € per month, hence, 35.040 € annually.
- Social costs (based on basic salary):

◦ Pension contribution: 27,9 % ◦ Health insurance: 2,4 % ◦ Long-term care insurance: 1,2 %	}	= 31,5 % (total)
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IT EXPENSES

Year	Expense factor	Amount
2014	Expenses for development and provision	744.000 €
	Target analysis and call for bids	120.000 €
		<u>864.000 €</u>
2015	Server	12.154 €
	Lease	1.560.000 €
	Hosting Service	78.000 €
	Onetime Surcharge (due to pre-financing by UK)	380.160 €
		<u>2.030.314 €</u>
2016-2025	Server	12.154 €
	Lease	1.560.000 €
	Hosting Service	78.000 €
		<u>1.650.154 €</u>
		<u>4.544.468 €</u>

OPERATING COSTS

Specific operation costs will increase annually by 10% of the difference between the amount of expenses of 2015 and 2025).

Total operating costs in 2015	Total operating costs in 2025
Stationery (20.000 €)	Stationery (68.400 €)
Telecommunications (10.000 €)	Telecommunications (34.200 €)
Representation (58.400 €)	Representation (58.400 €)
Official trips (189.000 €)	Official trips (872.100 €)
Legal aid (99.000 €)	Legal aid (1.079.100 €)
Translator (43.000 €)	Translator (43.000 €)
Translations (144.000 €)	Translations (144.000 €)
<u>563.400 €</u>	<u>611.800 €</u>

NUR INTERN – Formelvariationen für die Berechnung der Richterstellen im Jahr 2015

Alternative Formeln für die Berechnung der erforderlichen Richterstellen im Jahre 2015:

$$\text{Calculation: } 28 \approx 3^{10} * \left(\frac{((225 * 0,55)^{11} * (\frac{200}{35})^{19})}{200^{16}} \right) + 15 \left(\frac{((225 * 0,45)^{16} * (\frac{200}{25})^{17})}{200} \right) + 5^{18}$$

oder

$$\text{Calculation: } 28 \approx 3^{19} * \left(\frac{(225 * 0,55)^{20}}{35} \right) + \left(\frac{(225 * 0,45)^{21}}{25} \right) + 5^{22}$$

Alternative Formel für die Berechnung der erforderlichen Richterstellen im Jahr 2025:

$$\text{Calculation: } 86 \approx \left(\frac{(2250 * 0,55)}{35} \right) + \left(\frac{(2250 * 0,45)}{25} \right) + 10^{23}$$

¹⁰ Since one panel consists of three judges, the whole result has to be multiplied by 3.

¹¹ 55 % of the 225 expected proceedings will be first instance cases (225 * 0,55 ≈ 124).

¹² These two results have to be multiplied in order to determine the sum of necessary work days for all first instance cases.

¹³ It is necessary to determine the respective number of workdays necessary to complete one case. Therefore one has to set the number of workdays per year in relation to the number of presumably manageable cases per year: if one full-time judge can presumably handle 35 first-instance cases in one year with 200 workdays, he needs 6 workdays per case (200/35 ≈ 6).

¹⁴ In order to determine the number of necessary full-time judges each result has to be set into relation to the number of workdays per year.

¹⁵ The result for first-instance cases has to be summed up with the result for appeal/nullity cases.

¹⁶ 45 % of the 225 expected proceedings will be nullity/ appeal cases (225 * 0,45 ≈ 101).

¹⁷ In appeal/ nullity cases, one full-time judge can presumably handle 25 cases in one year with 200 workdays, hence he needs 8 workdays per case (200/25 = 8).

¹⁸ An additional buffer of 5 judges should be added in order to ensure a smooth course of the proceedings.

¹⁹ Since one panel consists of three judges, the whole result has to be multiplied by 3.

²⁰ 55 % of the 225 expected proceedings will be first instance cases (225 * 0,55 ≈ 124).

²¹ 45 % of the 225 expected proceedings will be nullity/ appeal cases (225 * 0,45 ≈ 101).

²² An additional buffer of 5 judges should be added in order to ensure a smooth course of the proceedings.

²³ The additional 10 judges result from the necessity of a pool of technical judges at the central division for all areas of technology. These judges will also be called on for local division proceedings.

Factsheet concerning the establishment of the United Patent Court

Area	Year	Specific expense factor	No. of position	Percentage	Timeframe	Amount of expens	Amount GER (44)
IT	2014	Development and provision				744.000,00 €	327.360,00 €
		Target analysis and call for bids				120.000,00 €	52.800,00 €
	2015	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
		onetime surcharge (due to pre-financing)				380.160,00 €	380.160,00 €
						2.030.314,00 €	1.106.227,76 €
	2016	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
					1.650.154,00 €	726.067,76 €	
	2017-2026				per year	1.650.154,00 €	726.067,76 €
					for 9 years	14.851.386,00 €	6.534.609,84 €
				total	19.395.854,00 €	8.747.065,36 €	
Staff	2015	Judges					
		Full time judges for local divisions	6			972.000,00 €	427.680,00 €
		Full time judges for central division	3		per year	486.000,00 €	213.840,00 €
		Full time judges for Court of Appeal	1		per year	162.000,00 €	71.280,00 €
		Part time judges	13,5			n/a	n/a
		Buffer	5				

		total 28,5	per year	1.620.000,00 €	712.800,00 €
				(w/o part time judges)	(w/o part time judges)
	Registrars				
	Registrar	1		162.000,00 €	71.280,00 €
	Assistant Registrar	1		162.000,00 €	71.280,00 €
		<u>2</u>	per year	<u>324.000,00 €</u>	<u>142.560,00 €</u>
	Registry employees				
	for the local divisions	9	per year	n/a	n/a
	for the central division	1		n/a	n/a
	for the Court of Appeal	1		n/a	n/a
		<u>11</u>		<u>n/a</u>	<u>n/a</u>
	Social costs				
	pension contribution		27,90%		
	health insurance		2,40%		
	long-term care insurance		1,20%		
			<u>31,50%</u>		
2025	Full-time Judges	86	per year	13.932.000,00 €	6.130.080,00 €
	p.r.n. bonus for presidents			n/a	n/a
	Registrars				
	Registrar	1		162.000,00 €	71.280,00 €
	Assistant Registrar	1		162.000,00 €	71.280,00 €
		<u>2</u>	per year	<u>324.000,00 €</u>	<u>142.560,00 €</u>
	Registry employees				
	for the local divisions	31			
	for the central division	6			
	for the Court of Appeal	3			
		<u>40</u>	per year	<u>n/a</u>	<u>n/a</u>

		Social costs		
		pension contribution	27,90%	
		health insurance	2,40%	
		long-term care insurance	1,20%	
			<u>31,50%</u>	
Operating costs				
2015	Stationery		20.000,00 €	8.800,00 €
	Telecommunications		10.000,00 €	4.400,00 €
	Representation		58.400,00 €	25.696,00 €
	Official trips		189.000,00 €	83.160,00 €
	Legal aid		99.000,00 €	43.560,00 €
	Translator		43.000,00 €	18.920,00 €
	Translations		144.000,00 €	63.360,00 €
			<u>563.400,00 €</u>	<u>247.896,00 €</u>
2016	Stationery		24.400,00 €	10.736,00 €
	Telecommunications		12.200,00 €	5.368,00 €
	Representation		58.400,00 €	25.696,00 €
	Official trips		251.100,00 €	110.484,00 €
	Legal aid		188.100,00 €	82.764,00 €
	Translator		43.000,00 €	18.920,00 €
	Translations		144.000,00 €	63.360,00 €
			<u>567.800,00 €</u>	<u>249.832,00 €</u>
2016	Stationery		28.800,00 €	12.672,00 €
	Telecommunications		14.400,00 €	6.336,00 €
	Representation		58.400,00 €	25.696,00 €
	Official trips		313.200,00 €	137.808,00 €
	Legal aid		277.200,00 €	121.968,00 €
	Translator		43.000,00 €	18.920,00 €
	Translations		144.000,00 €	63.360,00 €
			<u>572.200,00 €</u>	<u>251.768,00 €</u>

2017	Stationery	33.200,00 €	14.808,00 €
	Telecommunications	16.600,00 €	7.304,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	375.300,00 €	185.132,00 €
	Legal aid	366.300,00 €	161.172,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		576.600,00 €	253.704,00 €
2018	Stationery	37.600,00 €	16.544,00 €
	Telecommunications	18.800,00 €	8.272,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	437.400,00 €	192.456,00 €
	Legal aid	455.400,00 €	200.376,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		581.000,00 €	255.640,00 €
2019	Stationery	42.000,00 €	18.480,00 €
	Telecommunications	21.000,00 €	9.240,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	499.500,00 €	219.780,00 €
	Legal aid	544.500,00 €	239.580,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		585.400,00 €	257.576,00 €
2020	Stationery	46.400,00 €	20.416,00 €
	Telecommunications	23.200,00 €	10.208,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	561.600,00 €	247.104,00 €
	Legal aid	633.600,00 €	278.784,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		589.800,00 €	259.512,00 €

2021	Stationery	50.800,00 €	22.352,00 €
	Telecommunications	25.400,00 €	11.176,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	623.700,00 €	274.428,00 €
	Legal aid	722.700,00 €	317.988,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		594.200,00 €	261.448,00 €
2022	Stationery	55.200,00 €	24.288,00 €
	Telecommunications	27.600,00 €	12.144,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	685.800,00 €	301.752,00 €
	Legal aid	811.800,00 €	357.192,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		598.600,00 €	263.384,00 €
2023	Stationery	59.600,00 €	26.224,00 €
	Telecommunications	29.800,00 €	13.112,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	747.900,00 €	329.076,00 €
	Legal aid	900.900,00 €	396.396,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		603.000,00 €	265.320,00 €
2024	Stationery	64.000,00 €	28.160,00 €
	Telecommunications	32.000,00 €	14.080,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	810.000,00 €	356.400,00 €
	Legal aid	990.000,00 €	435.600,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		607.400,00 €	267.256,00 €

2025	Stationery	68.400,00 €	30.096,00 €
	Telecommunications	34.200,00 €	15.048,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	872.100,00 €	383.724,00 €
	Legal aid	1.079.100,00 €	474.804,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		611.800,00 €	269.192,00 €
	total	7.051.200,00 €	3.102.528,00 €

Factsheet concerning the establishment of the United Patent Court

Area	Year	Specific expense factor	No. of positions	Percentage	Timeframe	Amount of expenses	Amount GER (44 %)
IT	2014	Development and provision				744.000,00 €	327.360,00 €
		Target analysis and call for bids				120.000,00 €	52.800,00 €
	2015	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
		onetime surcharge (due to pre-financing)				380.160,00 €	380.160,00 €
						2.030.314,00 €	1.106.227,76 €
	2016	Server				12.154,00 €	5.347,76 €
		Lease				1.560.000,00 €	686.400,00 €
		Hosting Service				78.000,00 €	34.320,00 €
						1.650.154,00 €	726.067,76 €
	2017-2025				per year	1.650.154,00 €	726.067,76 €
					for 9 years	14.851.386,00 €	6.534.609,84 €
					total	19.395.854,00 €	8.747.065,36 €
Staff	2015	Judges					
		Full time judges for local divisions					
		GER	2			324.000,00 €	142.560,00 €
		FRA	1			162.000,00 €	71.280,00 €
		UK	1			162.000,00 €	71.280,00 €
		NL	1			162.000,00 €	71.280,00 €
		Nordic MS	1			162.000,00 €	71.280,00 €
			6		per year	972.000,00 €	427.680,00 €
		Full time judges for central division	3		per year	486.000,00 €	213.840,00 €
		Full time judges for Court of Appeal	1		per year	162.000,00 €	71.280,00 €

	Part time judges	13,5		n/a	n/a
	Buffer	5			
		total 28,5	per year	1.620.000,00 € (w/o part time judges)	712.800,00 € (w/o part time judges)
	Registrars				
	Registrar	1		162.000,00 €	71.280,00 €
	Assistant Registrar	1		162.000,00 €	71.280,00 €
		2	per year	324.000,00 €	142.560,00 €
	Registry employees for the local divisions		per year		
	GER	2			
	FRA	1			
	UK	1			
	NL	1			
	Nordic MS	1			
	other member states	3			
	for the central division	1			
	for the Court of Appeal	1			
		11		n/a	n/a
	Social costs		27,90%		
	pension contribution		2,40%		
	health insurance		1,20%		
	long-term care insurance		31,50%		
2025	Full-time judges	86	per year	13.932.000,00 €	6.130.080,00 €
	p.r.n. bonus for presidents			n/a	n/a
	Registrars				
	Registrar	1		162.000,00 €	71.280,00 €
	Assistant Registrar	1		162.000,00 €	71.280,00 €
		2	per year	324.000,00 €	142.560,00 €

Registry employees
for the local divisions

GER	8
FRA	2
UK	2
NL	2
Nordic MS	2
Other member states	15
for the central division	6
for the Court of Appeal	3
	40

per year

n/a

n/a

Social costs

pension contribution	27.90%
health insurance	2.40%
long-term care insurance	1.20%
	31.50%

Operating costs 2015

Stationery	20.000,00 €	8.800,00 €
Telecommunications	10.000,00 €	4.400,00 €
Representation	58.400,00 €	25.696,00 €
Official trips	189.000,00 €	83.160,00 €
Legal aid	99.000,00 €	43.560,00 €
Translator	43.000,00 €	18.920,00 €
Translations	144.000,00 €	63.360,00 €
	563.400,00 €	247.896,00 €

2016

Stationery	24.400,00 €	10.736,00 €
Telecommunications	12.200,00 €	5.368,00 €
Representation	58.400,00 €	25.696,00 €
Official trips	251.100,00 €	110.484,00 €
Legal aid	188.100,00 €	82.764,00 €
Translator	43.000,00 €	18.920,00 €
Translations	144.000,00 €	63.360,00 €
	567.800,00 €	249.832,00 €

2016	Stationery	28.800,00 €	12.672,00 €
	Telecommunications	14.400,00 €	6.336,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	313.200,00 €	137.808,00 €
	Legal aid	277.200,00 €	121.968,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		572.200,00 €	251.768,00 €
2017	Stationery	33.200,00 €	14.608,00 €
	Telecommunications	16.600,00 €	7.304,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	375.300,00 €	165.132,00 €
	Legal aid	366.300,00 €	161.172,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		576.800,00 €	253.704,00 €
2018	Stationery	37.600,00 €	16.544,00 €
	Telecommunications	18.800,00 €	8.272,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	437.400,00 €	192.456,00 €
	Legal aid	455.400,00 €	200.376,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		581.000,00 €	255.640,00 €
2019	Stationery	42.000,00 €	18.480,00 €
	Telecommunications	21.000,00 €	9.240,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	499.500,00 €	219.780,00 €
	Legal aid	544.500,00 €	239.580,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		585.400,00 €	257.576,00 €
2020	Stationery	46.400,00 €	20.416,00 €

		Telecommunications	23.200,00 €	10.208,00 €
		Representation	58.400,00 €	25.696,00 €
		Official trips	561.600,00 €	247.104,00 €
		Legal aid	633.600,00 €	278.784,00 €
		Translator	43.000,00 €	18.920,00 €
		Translations	144.000,00 €	63.360,00 €
			589.800,00 €	259.512,00 €
2021		Stationery	50.800,00 €	22.352,00 €
		Telecommunications	25.400,00 €	11.176,00 €
		Representation	58.400,00 €	25.696,00 €
		Official trips	623.700,00 €	274.428,00 €
		Legal aid	722.700,00 €	317.988,00 €
		Translator	43.000,00 €	18.920,00 €
		Translations	144.000,00 €	63.360,00 €
			594.200,00 €	261.448,00 €
2022		Stationery	55.200,00 €	24.288,00 €
		Telecommunications	27.600,00 €	12.144,00 €
		Representation	58.400,00 €	25.696,00 €
		Official trips	685.800,00 €	301.752,00 €
		Legal aid	811.800,00 €	357.192,00 €
		Translator	43.000,00 €	18.920,00 €
		Translations	144.000,00 €	63.360,00 €
			598.600,00 €	263.384,00 €
2023		Stationery	59.600,00 €	26.224,00 €
		Telecommunications	29.800,00 €	13.112,00 €
		Representation	58.400,00 €	25.696,00 €
		Official trips	747.900,00 €	329.076,00 €
		Legal aid	900.900,00 €	396.396,00 €
		Translator	43.000,00 €	18.920,00 €
		Translations	144.000,00 €	63.360,00 €
			603.000,00 €	265.320,00 €
2024		Stationery	64.000,00 €	28.160,00 €
		Telecommunications	32.000,00 €	14.080,00 €
		Representation	58.400,00 €	25.696,00 €

	Official trips	810.000,00 €	356.400,00 €
	Legal aid	990.000,00 €	435.600,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		607.400,00 €	267.256,00 €
2025	Stationery	68.400,00 €	30.096,00 €
	Telecommunications	34.200,00 €	15.048,00 €
	Representation	58.400,00 €	25.696,00 €
	Official trips	872.100,00 €	383.724,00 €
	Legal aid	1.079.100,00 €	474.804,00 €
	Translator	43.000,00 €	18.920,00 €
	Translations	144.000,00 €	63.360,00 €
		611.800,00 €	269.192,00 €
	total	7.051.200,00 €	3.102.528,00 €