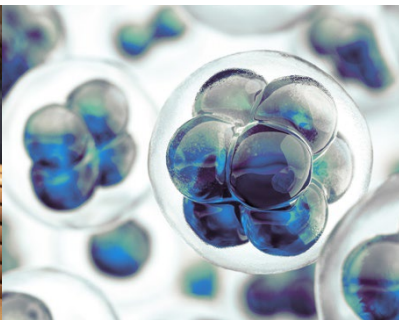




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Update on recent achievements

IP5 Heads and Industry meeting



Carlo Pandolfi

Director, International Co-operation

8 June 2022

Lead office(s): EPO

Project name: Alerting – Global Dossier

Date:
06-2022



Project descriptionThe Alerting project

The Alerting project aims at providing timely notification to users on file wrapper changes of IP5 family members of an application.

The preferred mechanism by industry is an e-mail alert system covering IP5 patent family Global Dossier changes based on subscription.



Achievements of the last period

During the last reporting period the EPO has developed a global IP5 Alerting system that can be easily extended to more Offices providing their file wrapper data through a Web Service under the Global Dossier standard.



Milestones (from project brief)

	Actual date	Status
Proposal endorsed	Jan. 2017	✓
RSS Alerting EPO-CNIPA	May 2017	✓
E-mail Alerting EPO-CNIPA	June 2018	✓
Global IP5 E-Mail Alerting delivered	June 2022	✓



Points of attention

The service can now enter its production phase.
Based on user feedbacks some small improvements could be brought to the system like offering a selective Alert that would only report the major changes in a file.



Next steps

It is proposed to close this IP5 EPO led project in view of this delivery as agreed during the last WG2 meeting.

Status: On track Off track Complete

IP5 Global Alerting: Subscribing to Global Alerts

Patent family: EP2655388 Family dossiers alerts: RSS Email

Refine search ST36 Espacenet Submit observations Report error Print

Type ☒ Patent family member

Publication No.	Date	Type
	12	A1
	11	
		Type
	12	A1
	10	
	11	
	11	
		Type
	17	B2

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Dossier(s): AU2011349021
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Global Dossier Alert

Dossier(s): CN201180066766, EP11850773, JP2013544980, KR20137019485, US201514966221

Dear subscriber,

We inform you of the following dossier changes:

- CN201180066766 (publication [CN103339138](#)) [Global Dossier](#)
Selective glycosidase inhibitors and uses thereof
18.06.2017 [Notification to Grant Patent Right for Invention\(PCT\) \(ORIGINAL\)](#)
18.06.2017 [Notification to Grant Patent Right for Invention\(PCT\) \(TRANSLATED\)](#)
- EP11850773 (publication [EP2655388](#)) [Global Dossier](#)
SELECTIVE GLYCOSIDASE INHIBITORS AND USES THEREOF
18.06.2017 [Communication about intention to grant a European patent](#)

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Project description

The IP5 NET/AI Roadmap is intended to serve as a blueprint for IP5 Offices' joint endeavours to harness NET/AI capabilities in support of their patent grant processes and provide transparency in their patent practices and predictability of patent prosecution for their users.

The IP5 NET/AI Roadmap identifies four key areas of co-operation:

- Statistics
- Classification
- IT aspects/utilisation of NET/AI
- Legal



Achievements of the last period

- All IP5 WG experts reviewed the IP5 NET/AI roadmap and started discussing co-operation opportunities
- Project briefs in development:
 - Development of new classification schemes for NET/AI related technologies (WG1)
 - AI assisted CPC classification (WG2)
 - Collection of existing materials on the examination practices of the IP5 Offices on AI-related inventions (PHEP)
 - Comparative Study on Examination Practice on AI-involved Methods Related to Diagnosis (WG3)
- Offices presented an update report at the Industry Consultation Group (ICG) meeting, PMG discussed IP5 Industry involvement
- IP5 agreed to continuously coordinate with Industry AI Task Force via ICG



Milestones	Actual/expected date	Status
IP5 Heads of Office endorse IP5 NET/AI roadmap	June 2021	✓
WGs discuss possible areas of work	Q2 2021 onwards	✓
Coordination with IP5 Industry	Q1 2022	✓
WGs develop concrete joint projects	Q1-Q2 2022	✓



Points of attention

- IP5 Industry input: machine translation (MT), comparative studies and guidelines relating to standards of AI-related inventions, set of category definitions for AI related inventions, AI assisted classification, forecasting and monitoring



Next steps

- Seek IP5 Heads' approval of "Collection of existing materials on the examination practices of the IP5 Offices on AI-related inventions" project brief
- Further fine-tuning of draft project briefs in IP5 WGs
- Encourage WGs to consider further co-operation opportunities and develop project briefs accordingly

Lead office(s): EPO

Project name: IP5 Collaborative Search and Examination (CS&E) Pilot

Date:
05.2022



Project description

- Coordinate the evaluation phase in a transparent and open manner including by reporting on the quality and operational results as well as by surveying the participants and user groups
- Assess the potential efficiency gains for the offices and conduct a complete benefits/dis-benefits analysis in order to make recommendations to the IP5 Heads as to the future of the concept. The report should include a recommendation on the fee structure



Achievements of the last period

- 2-year operational phase **successfully achieved** on 1 July 2020 with **100 files** received at ISA/US, ISA/KR, ISA/EP (maximum quota reached), 75 at ISA/JP and 93 files at ISA/CN.
- Agreement reached on an extension of the evaluation phase until end June 2023 at the 10th IP5 CS&E Pilot Group, endorsed by Deputy Heads
- Survey of pilot participants carried out by the International Bureau on behalf of the IP5 Offices



Milestones (from project brief)	Actual/expected date	Status
Start of preparatory phase	June 2016	Completed
End of preparatory phase / Start of operational phase	July 2018	Completed
End of operational phase / Start of evaluation phase	July 2020	Completed
End of evaluation phase / Presentation of report to the IP5 Heads of Offices	June 2023	Ongoing



Points of attention

A particular challenging point (under JPO lead) concerns the question of the financial scheme for the implementation of the CS&E in the PCT.

Another important point regards the fact that the CS&E would demand IT implementation as manual workarounds proved very resource – consuming.



Next steps

- Currently assessing pilot survey results conducted by WIPO in 2021
- October 2022: IP5 Pilot Group meeting to discuss final report, including financial scheme, IT requirements, communication of pilot results
- June 2023: presentation of final report to the IP5 Heads

Status: On track Off track Complete

Lead office(s): USPTO/KIPO

Project name: PHEP – Global assignment

Date:
05.2022



Project description

The global assignment project aims to reduce user's burden in recording assignments at individual IP Offices that have different formats and requirements and to increase transparency of IP ownership.

The IP5 Offices will pursue these goals through a phased approach in which the requirements at each Office will be assessed and compared. Based on that assessment and input from Industry, the following will be investigated and considered:

- Development of common forms
- Harmonization of Office requirements, and
- A global assignment repository



Achievements of the last period

- Chart for comparison of Office requirements developed
- Office requirements have been collected
- Comparison chart being compiled
- IP5 WG2 briefed - February 2022
- Industry Consultation via ICG Meeting – March 2022



Milestones	Actual/expected date	Status
IP5 Heads of Office endorse PHEP Global assignment project	June 2021	✓
Comparison chart of Office requirements	June 2022	✓
Report on industry requirements relative to those of Offices, including areas of convergence and challenges	Q3 2022	✓
Feasibility assessment for next phase	Q3-Q4 2022	✓



Points of attention

A feasibility assessment will be conducted at the end of each phase to determine if the project can/should progress and the scope and timeline for the next phase.



Next steps

- Share completed comparison chart with Offices
- Finalize scope and content of report

Status: On track Off track Complete

Lead office(s): JPO

Project name: PHEP - Allowable Features in Drawings

Date:
05.2022



Project description

The project aims to bring greater uniformity of allowable features in drawings, and furthermore, to reduce users' costs and efforts arising from the differences in formal requirements across the respective IP5 regions.

The requirements considered by the IP5 Offices include:

- Paper size and margins
- Image format
- Color / grayscale
- Line drawings
- Size of characters and symbols
- Availability of photos



Achievements of the last period

- IP5 Offices shared and assessed current Office requirements and operations in terms of drawing
- IP5 Offices identified the "IP5-Safe Format", which outlines common allowable features in drawings
- IP5 Offices established an IP5 brochure showing the common allowable features in drawings (not yet published)



Milestones (from project brief)

Actual/expected
date

Status

IP5 Heads of Office endorse the project	June 2021	✓
IP5 Offices share and assess current Office requirements and operations in terms of drawing	Q3 2021	✓
IP5 Offices identify common allowable features in drawings	Q4 2021	✓
IP5 Offices establish and publish IP5 guidelines, guidance or brochure of the common allowable features in drawings	Q1-Q2 2022	☑
IP5 Offices assess the feasibility for harmonisation	Q3 2022 onwards	☑



Points of attention

Harmonising some of the allowable features in drawings across IP5 may require renovations of the legal and IT system of some offices, which would generally take time and money.



Next steps

- IP5 Offices will publish a brochure describing an "IP5-Safe Format" upon approval by the IP5 Heads of Office to complete Phase 1 of this project
- IP5 Offices will initiate Phase 2 of this project by considering the feasibility of harmonisation regarding items for which an "IP5-Safe Format" was not found, and for items requested by IP5 Industry

Status: On track Off track Complete

Completion of the publication file with support from the EPO



Allowable features in drawings

Allowable features in drawings

The IP5 Offices have been working closely together to reduce user's burden resulting from the varying formal requirements for drawings across different IP5 Offices. In the realisation of the project "Allowable Features in Drawings", the IP5 Offices have identified common allowable features in drawings among the IP5 Offices ("IP5 Safe Format").

This JPO-led initiative aims at bringing greater uniformity of allowable features in drawings and, furthermore, at reducing users' confusion and differences in formal requirements across the respective IP5 regions. The data below is the result of a first contribution by the IP5 Offices to the IP5 Safe Format of allowable features in drawings among the IP5 Offices.

The different requirements that were considered by the IP5 Offices include:

- Paper size and margins
- Image format
- Color / grayscale
- Line drawings
- Size of characters and symbols
- Availability of photos

[Allowable features in drawings - overview table \(PDF, 591KB\)](#)

[Disclaimer]

While the data in the table aims at highlighting the lowest common denominator ("IP5 Safe Format") of the formal requirements for allowable features in drawings among the IP5 Offices at the time of the data collection, its content may not be considered or construed as legally binding in any way. The IP5 Offices cannot guarantee the completeness, accuracy, or fitness for specific purposes of the data presented.

Allowable features in drawings

(As of 24 March 2022)

The table below is the result of a first contribution by the IP5 Offices highlighting the IP5-Safe Format of allowable features in drawings among the IP5 Offices:

Overview highlighting the lowest common denominator (IP5-Safe Format)

Paper size and Margins	Image format	Color / grayscale	Line drawings	Size of characters and symbols	Availability of photos
A4 Minimum margins: top margin of 40mm, bottom margin of 20mm, left margin of 25mm, right margin of 20mm. Maximum drawing area: for patent and utility model application: 220mm (L) x 165mm (W); for patent and utility model application: 190mm (L) x 140mm (W); for patent and utility model application: 190mm (L) x 140mm (W)	There is no IP5-Safe image format. Resolution: 300dpi	Black and White	For patent and utility model application: Solid line thickness: approx. 0.4mm, Leader line width: approx. 0.2mm. Dotted and dashed lines width: approx. 0.2mm. Also, the drawings must still allow all details to be distinguished without difficulty with a line reduction in size to two thirds.	There is no IP5-Safe size of characters and symbols.	Acceptable if it is appropriate

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 Korean Intellectual Property Office (KIPO)
 National Intellectual Property Administration, PRC (CNIPA)
 United States Patent and Trademark Office (USPTO)

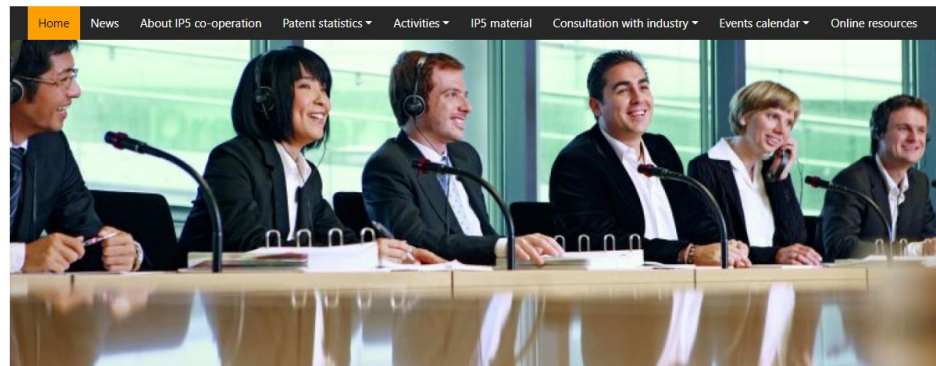
Allowable features in drawings

Paper size and Margins

Lowest Common Denominator (IP5-Safe Format): A4		Minimum margins: top margin of 40mm, bottom margin of 20mm, left margin of 25mm, right margin of 20mm Maximum drawing area: for patent and utility model application: 220mm (L) x 165mm (W); for patent and utility model application: 190mm (L) x 140mm (W)			
Varying formal requirements across the IP5 Offices/WIPO					
EPO	IPPO	KIPO	CNIPA	USPTO	WIPO (PCT)
A4 Minimum margins: top margin of 40mm, bottom margin of 20mm, left margin of 25mm, right margin of 20mm. Maximum drawing area: 220mm (L) x 165mm (W)	A4 size (portrait) No margin setting required. Drawing area: 250mm (L) x 170mm (W) Reference	A4 Margins: top margin of 40mm, bottom margin of 20mm, left margin of 25mm, right margin of 20mm. Drawing area: 220mm (L) x 165mm (W) Reference	A4 Margins: top margin of 25mm, bottom margin of 10mm, left margin of 15mm, right margin of 15mm. Drawing area: the size of the industrial design image or photograph should be no larger than 100mm (W) x 200mm (L); the size of other images should be no larger than 165mm (W)x240mm (L) Reference	Letter size Paper size: all drawing sheets in an application must be the same size. One of the corners of the sheet is regarded as its top. The size of the sheets on which drawings are made is: (1) 21.0cm, by 29.7cm; (2) 21.0cm, by 27.9cm; (3) 21.0cm, by 27.1cm; (4) 21.0cm, by 27.1cm. Margins: the sheets must not contain lines around the right side, i.e., the visible outer- case, but should have no cut target points, i.e., a cross-hair printed on the outer- corner margin corners. Each sheet must include a top margin of at least 1.5cm; 1.5 inch, a left side margin of at least 2.5cm, 1 inch, a right side margin of at least 1.5cm, 5/8 inch, and a bottom margin of at least 1.5cm, 5/8 inch, thereby leaving a sight no greater than 1.0cm, by 26.7cm, on 21.0cm, by 27.9cm, DIN size A4 drawing sheets, and a sight no greater than 37.6cm, by 24.4cm, US 21.6 by 9 5/8 inches on 21.6cm, by 27.9cm, B 21.6 by 11 inch drawing sheets. Reference	A4 Margins: top margin of 25mm, bottom margin of 10mm, left margin of 15mm, right margin of 15mm. Drawing area: 260mm (L) x 170mm (W) Reference

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Global Dossier

Access to [file wrappers](#) of IP5 patent family members in a single location.

[Read more about the Global Dossier initiative](#)

Common Citation Document

Search patent citations across the members of a patent family in the IP5 [Common Citation Document \(CCD\)](#) database.

Key IP5 Statistical Indicators 2021

25 May 2022

The IP5 Offices have published their preliminary statistical indicators for 2021, showing overall trends at the IP5 level.

[Go to 2021 key IP5 statistical indicators](#)



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attention!