

PATENTSCOPE: what's new?



Speaker: Christophe Mazenc,

Director, Global Databases Division, Global Infrastructure Sector

EPOPIC 2018 - Brussels, November, 2018

WIPO
WORLD
INTELLECTUAL PROPERTY
ORGANIZATION

Patent Information news

- Full text
- PATENTSCOPE coverage
- Chemical compounds search

About full text

- In the last 16 months, WIPO and EPO joined forces in order to achieve faster results in the Quality at source project
- Goal: assist patent offices in producing high quality full text for their front file publication in their country language to obtain searchable and machine translatable patent information (Espacenet, PATENTSCOPE)
- How: WIPO puts at disposition to member states its internal OCR / PDF handling technology and WIPO and EPO together train offices to set it up and start production

About full text

- 17 European offices trained so far (CH, BA, BE*, BG, CY, DK, EE, ES, FI, GR, LT, LV, MT, NO, RO, RS, SE, SK)
- In operations: Front file full text data received from Denmark, Italy, Romania and Greece
- Next: train Latin American Countries (collaboration EPO, SPTO, WIPO)

About full text

RIVENDICAZIONI

- 1) Il device indossato dallo studente, consente suo stesso punto di vista e pertanto di valutare le valutazioni accurate e capire meglio l'azione del docente;
- 2) Il sistema è caratterizzato dal fatto che fa permettere una interattività completa, in forma aumentata, docente/studente su due canali. video ed audio, è possibile anche lo scambio di immagini modificate su fermo-immagine realizzato dallo studente;
- 3) la possibilità per gli studenti, di rivedere le lezioni e i commenti del docente
- 4) potere gestire l'intero sistema sia in sito che tramite piattaforme cloud.

FIRMA DEL RICHIEDENTE

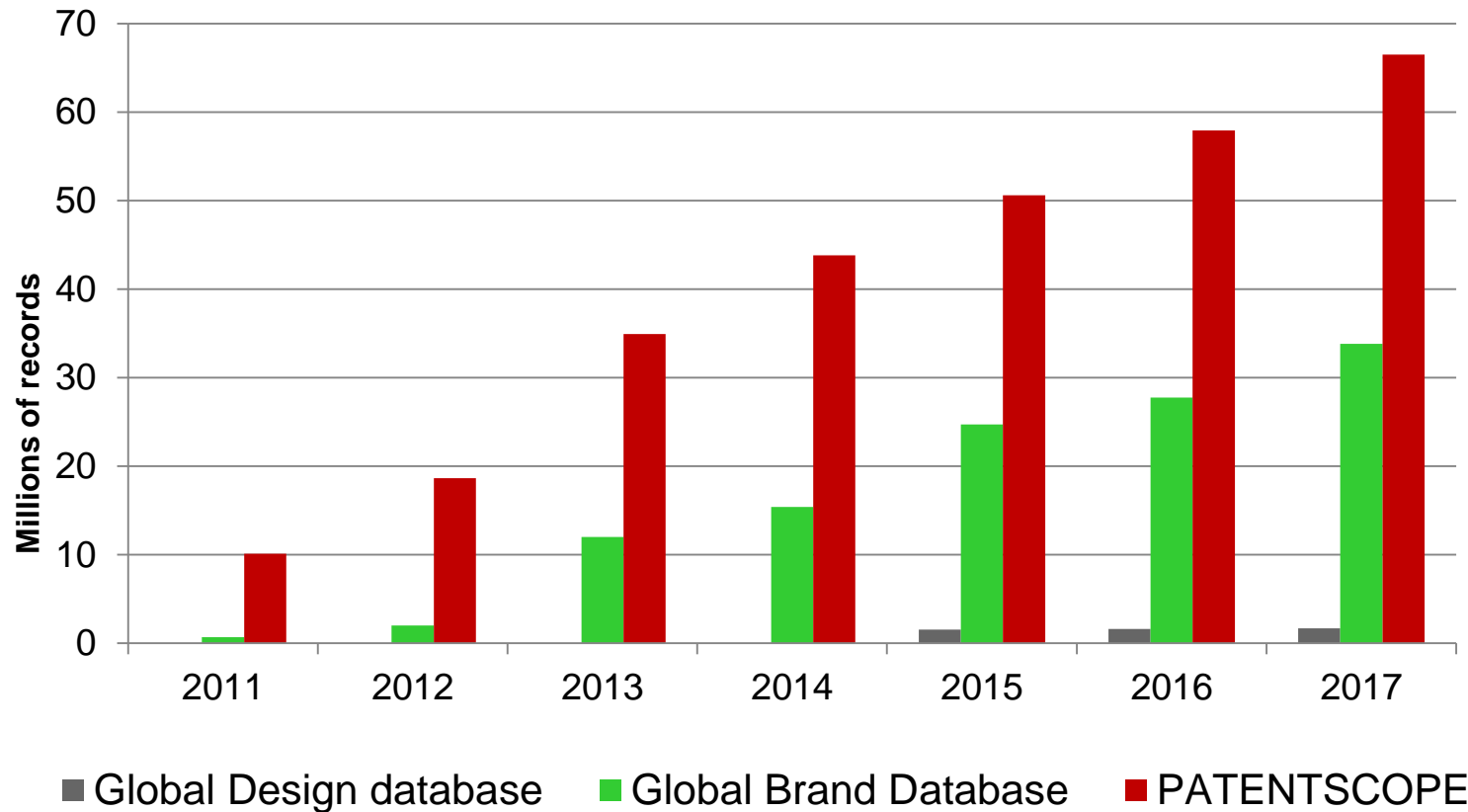
CLAIMS

1. The wearable device by the student, allows the teacher to have his own point of view and therefore he can make better assessments and understand the action of the student;
2. The System is characterized by the use of devices that allow a full digital interactivity with augmented reality, teacher/student on two separate channels. In addition to the exchange

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1020150 </p>LF
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<claim id="clm-0001" num="0001"><!-- EPO <DP n="9"/>-->LF
<claim-text>RIVENDICAZIONI</claim-text>LF
LF
<claim-text>1) Il device indossato dallo studente, consente al docente, di avere il suo stesso punto di vista e pertanto di potere effettuare delle valutazioni accurate e capire meglio l'azione dello studente;
</claim-text>LF
<claim-text>2) Il sistema è caratterizzato dal fatto che fa uso di dispositivi che permettono una interattività completa, in forma digitale, con realtà aumentata, docente/studente su due canali. Oltre allo scambio di video ed audio, è possibile anche lo scambio di bozzetti grafici ed immagini modificate su fermo-immagine realizzato dalle riprese dello studente;</claim-text>LF
<claim-text>3) la possibilità per gli studenti, di rivedere le lezioni, con gli specifici commenti del docente</claim-text>LF
<claim-text>4) potere gestire l'intero sistema sia in sito che tramite piattaforme cloud.</claim-text>LF
</claim>LF
</claims>LF
<claims id="claims" lang="en">LF
<claim id="clm-0001" num="0001"><claim-text>CLAIMS</claim-text>LF
LF
<claim-text>1. The wearable device by the student, allows the teacher to have his own point of view and therefore he can make, better assessments and understand the action of the student;</claim-text>LF
<claim-text>2. The System is characterized by the use of devices that allow a full digital interactivity with augmented reality, teacher/student on
LF
<!-- EPO <DP n="10"/>-->two separate channels. In addition to the exchange
```

News about PATENTSCOPE coverage

■ great progress in recent years



■ Cf. https://patentscope.wipo.int/search/en/help/data_coverage.jsf

News about PATENTSCOPE coverage

- Now, 52 patent collections and a total of 71 million patent applications
- Last added collection: India (Bibliographic data only)
480'000 records published from 2005 to 2018
- Collections to come (with front file full text):
 - Italy
 - Romania
 - Greece

News about PATENTSCOPE functionality

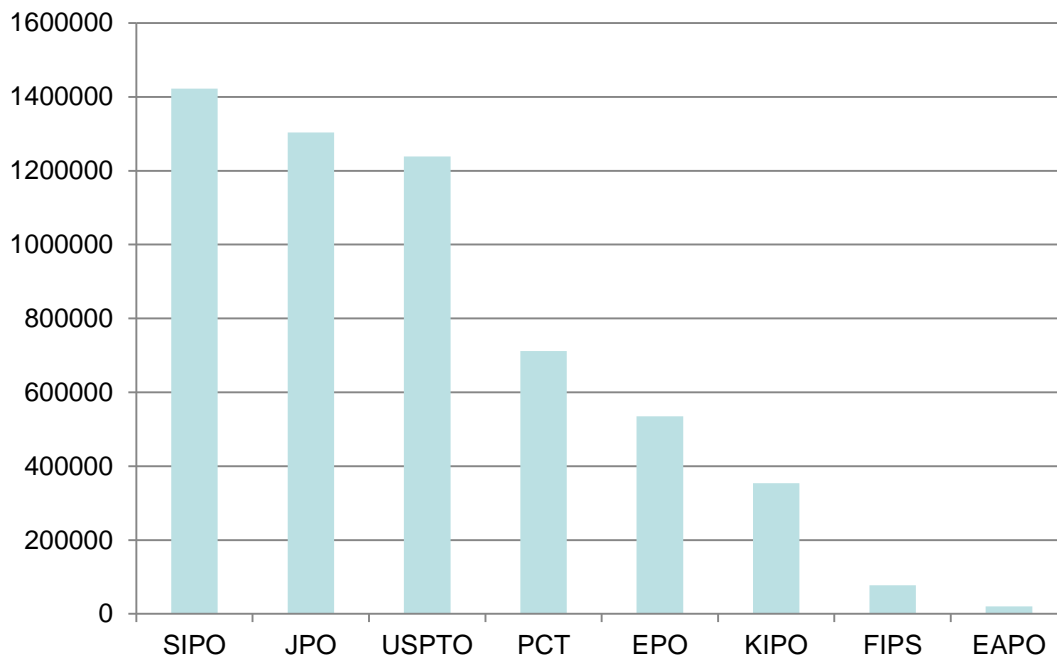
An improved more modern User Interface

The screenshot displays the WIPO PATENTSCOPE website interface. At the top, the WIPO logo is on the left, and the text 'PATENTSCOPE' is centered, with a subtitle 'Search International and National Patent Collections'. A navigation bar below the header includes links for 'Search', 'Browse', 'Translate', 'Options', 'News', 'Login', and 'Help'. A language selection menu is visible in the top right corner, listing various languages including Mobile, Deutsch, Español, Français, 日本語, 한국어, Português, Русский, 中文, and العربية.

The main content area features a 'Simple Search' section with a search bar containing 'CTR:IN' and a 'Search' button. Below the search bar, there is a notification: 'PCT Publication 38/2018 (2018/09/20) is now available. The next publication date is scheduled as follows: Gazette number 39/2018 (2018/09/27). More'. A sidebar on the left contains a 'Front Page' button and a 'PCT Publication' section.

News about PATENTSCOPE functionality

- A chemical search functionality expanded to cover all IP5 collections and languages with 5.7 million documents parsed for chemical compounds and counting:



Number of patent applications in PATENTSCOPE with parsed chemical compounds

News about PATENTSCOPE functionality

This allows get a quick draft patent landscape for drugs in the IP5 offices and to answer tough questions like:

What is the oldest Japanese patent referencing “Valsartan”?

Wikipedia says: “**Valsartan** (trade name **Diovan**) is mainly used for treatment of [high blood pressure](#), [congestive heart failure](#), and to increase the chances of living longer after a [heart attack](#). It is an [angiotensin II receptor antagonist](#) (commonly called an ARB, or angiotensin receptor blocker), that is selective for the [type I \(AT₁\) angiotensin receptor](#)”.

Simple Search

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Using PATENTSCOPE you can search 71 million patent documents including 3.4 million published international patent applications (PCT). Detailed coverage information can be found here [↗](#)

i PCT Publication 37/2018 (2018/09/13) is now available. The next publication date is scheduled as follows: Gazette number 38/2018 (2018/09/20). [More](#)

New in PATENTSCOPE

Having a PATENTSCOPE account enables you to:

- Save your customized configuration.
- Save your queries.
- Download result lists up to 10,000 records.

Did you know ?

- Using CLIR, you can search patent applications in Japanese even if you don't speak Japanese.

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christophe.mazenc@wipo.int  

- Simple
- Advanced Search
- Field Combination
- Cross Lingual Expansion
- Chemical compounds

PATENTSCOPE


can search 71 million patent documents including 3.4 million published international patent applications (PCT). Detailed coverage here 

Front Page 



Office: All

[Search](#)

 PCT Publication 37/2018 (2018/09/13) is now available. The next publication date is scheduled as follows: Gazette number 38/2018 (2018/09/20). [More](#)

Chemical compounds search

[Help]

Convert structure

Structure editor

Upload structure

Compound name

valsartan

Search for scaffold: Office: All

Tooltip Help

Search

Show in editor

Reset

Results 1-10 of 21,050 for Criteria:CHEM:(ACWBQPMHZXGDFX-QFIPXVFZSA-N) Office(s):all Language:EN Stemming: true

Navigation: 1 2 3 4 5 6 7 8 9 10 Page: 1 / 2106 Go

Refine Search CHEM:(ACWBQPMHZXGDFX-QFIPXVFZSA-N)

Search

RSS | Print | Download | 10k

Filters

The Analysis charts will be available soon

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
United States	6474	A61K	17841	Chackalamannil Samuel	62	NOVARTIS AG	626	2008	1729
PCT	4488	A61P	10176	WUNDER FRANK	50	BRISTOL-MYERS SQUIBB COMPANY	348	2009	1838
Japan	3528	C07D	9379	Roche Olivier	49	Bristol-Myers Squibb Company	324	2010	1975
China	2711	C07K	1441	Ewing William R.	47	Novartis AG	308	2011	1668
European Patent Office	1750	C07C	1432	Epple Robert	46	MERCK SHARP & DOHME CORP.	298	2012	1397
Republic of Korea	1420	C12N	809	CHACKALAMANNIL SAMUEL	45	Merck Sharp & Dohme Corp.	268	2013	1408
		A61M	660			BEVER PHARMA AKTIENGESELLSCHAFT	216	2014	1313

Sort by: Pub Date Asc View All List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 1020170013620	A61K 9/107	MICROEMULSION COMPOSITION COMPRISING HERB MEDICINE EXTRACT WITH INCREASED ORAL ABSORPTION AND PREPARATION METHOD THEREOF	강원대학교산학협력단	KR	
	1020150106520		조현종		
The present invention relates to a microemulsion composition comprising a herb medicine extract and a microemulsion including omega-3 unsaturated fatty acids, a surfactant, and water; and to a preparation method thereof. The microemulsion composition comprising a herb medicine extract and omega-3 unsaturated fatty acids achieves an effect of effectively improving oral absorption of the herb medicine extract including insoluble active components, thereby being useful as an oral administration delivery system. COPYRIGHT KIPO 2017					
2. 4246393	C07D 233/00	Process for the preparation of poly(thio)hydantoins	Bayer Aktiengesellschaft	US	20.01.1981
	05958941		Zecher Wilfried		

Results 1-10 of 3,528 for Criteria:CHEM:(ACWBQPMHZXGDFX-QFIPXVFZSA-N) Office(s):all Language:EN Stemming: true

Filters CTR:Japan

Page: 1 / 353

Refine Search CHEM:(ACWBQPMHZXGDFX-QFIPXVFZSA-N)

Filters

The Analysis charts will be available soon

Countries		IPC		Inventor		Applicant		Pub Date	
Name	No	Name	No	Name	No	Name	No	Date	No
3528		A61K	3358	フランク・ヴンダー	30	TAKEDA CHEM IND LTD	163	2008	284
		A61P	3110	マルクス・フォルマン	22	武田薬品工業株式会社	99	2009	374
		C07D	1883	マルク ミハエル	21	ノバルティス アーゲー	85	2010	448
		C07C	267	MOMOSE YU	18	ベーリンガー インゲルハイム インターナショナル ゲゼルシャフト ミット	71	2011	270
		C07K	238	ヨハネス・ペーター・	18	トベシュレンクテルハフツング		2012	240
		C12N	213	シュタッシュ		アッヴィ・インコーポレイテッド	32	2013	296
		C01N	118					2014	220

Sort by: Pub Date Asc View All List Length 10 Machine translation

Int.Class	Appl.No	Title	Applicant	Ctr	PubDate
1. 4235149		アシル化合物		JP	24.08.1992
A61K 31/195	10809791				ペーター ビュールマヤー
2. 7053408		組合せ薬剤		JP	28.02.1995
A61K 31/435	16001094				ジャン・ポール・クローゼ

求項1の化合物またはその塩。

【請求項8】 (S)-N-(1-カルボキシ-2-メチル-プロパ-1-イル)-N-ペンタノイル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン

【請求項9】

N-(2-エト
ミン、

N-(2-カル

N-(2-エト

N-(2-エト

N-

(S)-N-

アミン、

N-(2-エト

N-

N-(2-カル

(S)-N-

アミン、

(S)-N-

ル)-アミン、

N-(2-カル

N-(2-カル

N-(1-カルボキシシクロヘキシル)-N-ペンタノイル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン、

(S)-N-(1-アミノカルボニル-2-メチル-プロパ-1-イル)-N-ペンタノイル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン、または

(S)-N-(1-カルボキシ-2-メチル-プロパ-1-イル)-N-(5-オキソペント-1-エン-5-イル)-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミンである請求項1の化合物または各々の場合のそれらの塩。

【請求項10】 有効成分として遊離形態または医薬として許容されうる塩の形態にある請求項1~9のいずれか1項に記載の化合物を含有する、アンジオテンシン(II)の増加に関連する疾患又は状態の治療のための医薬製剤。

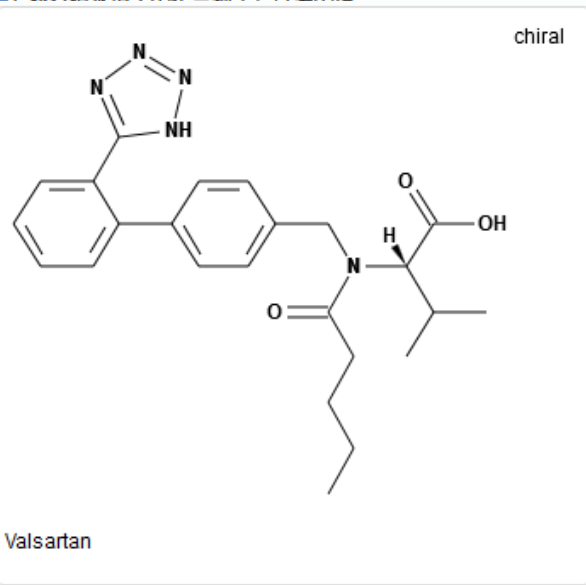
【請求項11】 高血圧又は心機能不全の治療のための、請求項10に記載の医薬組成物。

【請求項12】 (S)-N-(1-カルボキシ-2-メチル-プロパ-1-イル)-N-ペンタノイル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン

又はその医薬として許容される塩を含んで成る、請求項10又は11に記載の医薬組成物。

【請求項13】 次の式(I)：

【化4】



テトラゾール-5-イル) ビフェニル-4-イルメチル]-アミン、

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-ア

[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン、

-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミン、

N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

イル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

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ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

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ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

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ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

ル-N-[2'-(1H-テトラゾール-5-イル)-ビフェニル-4-イルメチル]-アミ

