



Regional Seminar on the Patent Cooperation Treaty (PCT) for Selected African Countries

ARIPO Patent Statistic: ARIPO eService

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SENIOR PATENT EXAMINER

Gaborone, Botswana
September 10-12, 2019



Fostering Creativity and Innovation for Economic Growth and Development in Africa

Use of ICR Tools by ARIPO

- **ARIPO uses various ICT tools to:**
 - **enhance the efficiency of business processing and other administrative work at the ARIPO Office and those of its Member States,**
 - **facilitate the accessibility and use of Intellectual Property information in the region and in Africa at large**
 - **strengthen ICT institutional capacity in the ARIPO region**



ARIPO IP Administration System

Users



Users in ARIPO



Search Portal for Public

NEW

IP Digital Library IPDL for Patent, Utility Model, Industrial Design, Trademark	e-Service On-line application and e-payment
Internet Journal On-line Journal and Retrieval	Home page Portal site for Public

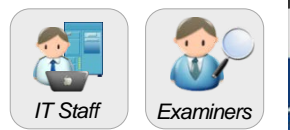
Member State Module

NEW

Harare Data exchange related Harare Protocol	Banjul Data exchange related Banjul Protocol
Transfer Search Data Data transfer for search system	Account inquiry Request balance account and Inquiry account information
IPAS API WIPOScan API	System management configuration setting and User management

UP IPAS JAVA **UP** WIPOScan v2.2

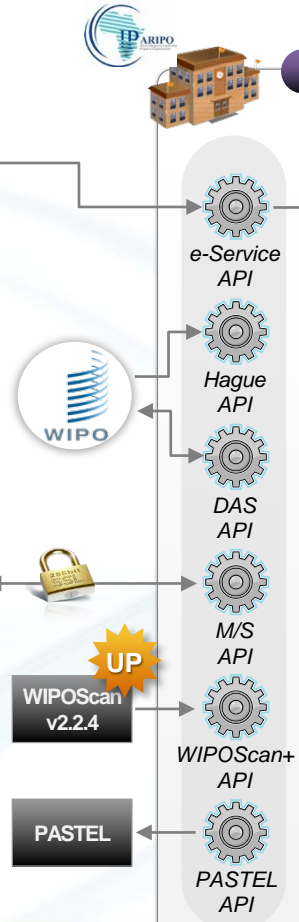
Users in MS



POLite+ (Web-based IP Automation system)

Receiving UP Online Offline	Formality Checking UP Check the formality and requirements	Publication UP Publication of online and offline
Search Request UP Search service Requesting services	Registration UP Creation, change management	
Fee/account UP Fee rates Management of fee receiving information	Admin. UP User setting, Log, User authority	
Examination NEW Substantial examination	Search system NEW Search for prior arts	Form mgmt NEW Form management Form creation, modification

receiving DB	M/S connection DB NEW	E-document DB NEW
Administration DB	PASTEL connection DB NEW	Search DB NEW



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POLite+ Module

- **Web-based IP administration automation system for ARIPO**
- **As an internal system, POLite+ allows ARIPO to proceed with IP administration work from reception to registration.**
- **POLite+ provides functions for IP work including application reception, verification, data capturing, formality examination, substantial examination, registration, examiner search, journal publication and fee management.**

Main Data Person Figure Document List

Compulsory*

Domain	ARIPO Patent	Application No.	AP/P/2015/000206
Applicant type*	Standard Application	Date Received*	27.01.2015
Receiving Office No.		Representative ref.	A1112
Filing Date*	27.01.2015	Anniversary	1
Valid Until	27.01.2016	Date abandoned	
PCT Appl. Date			
PCT Appl. No.		Download from WIPO	
Title*	A crystalline form of perindopril tert-butylamine salt		<input type="checkbox"/> Including non-unicode
Abstract			<input type="checkbox"/> Including non-unicode
Number of pages	0	Number of claims	0
IPC classes	Classification Search		
	B I <input type="text"/> B I <input type="text"/> Version <input type="text"/> +		
	C07K 5/02 (2006.01) X C07K 5/00 (2006.01) X		
Priority	Priority number	Priority date	<input type="text"/>
	Country code	DAS code	<input type="text"/>
	9802864-0 (06.07.2000/FR) X 9802864-1 (06.07.2000/SD) X		

Designated states
12 D/S

- BW (Botswana)
- GH (Ghana)
- GM (Gambia)
- KE (Kenya)
- LR (Liberia)
- LS (Lesotho)

[Designated All](#)
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Online Services Module (1)

- The e-Services module is accessible on <http://eservice.aripo.org>
- Applications can be filed online
- Online payment
- The Intellectual Property Digital Library (IPDL) allows for online data search. For now, only ARIPO data search is possible. MS data can also be searched if MS send their data to ARIPO
- ARIPO journals are available for download free of charge
- Journals of MS would be available for downloading free of charge just like ARIPO's journals once the member states provide their journals for upload onto the e-Service module. For now only Kenya, Mozambique and Tanzania have made their journals available



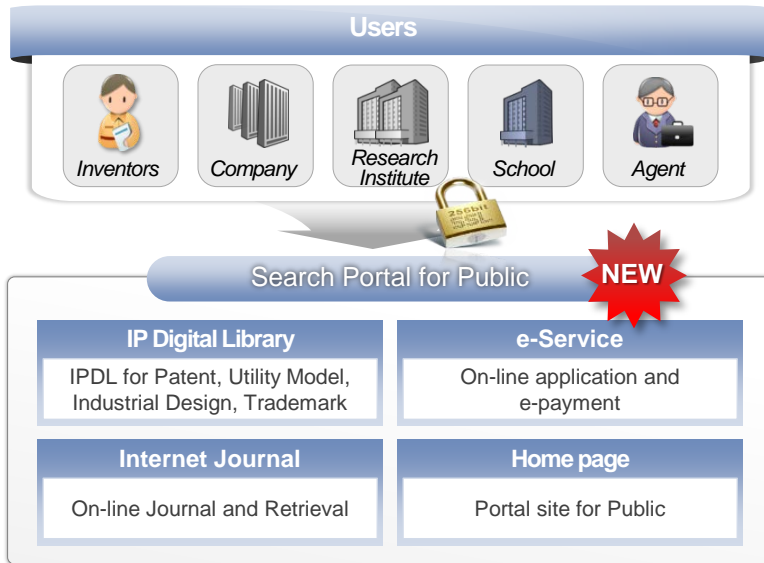
The screenshot shows the ARIPO Online Service website. At the top, there is a navigation bar with a home icon, a search bar containing 'eservice.aripo.org/pmi/PMIMain.do', and a user profile icon. Below the navigation bar is a large banner with the ARIPO logo and the text 'ARIPO ONLINE SERVICE'. The main content area is divided into several sections:

- Sign in / Sign Up**: Links for user authentication.
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- IP DIGITAL LIBRARY**: A vertical menu on the left side.
- JOURNAL**: A vertical menu on the left side.
- INFORMATION**: A vertical menu on the left side.
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- eForms**: A card with a document icon, with the text: 'Download standard forms you need for acquisition of IP rights.'
- Journal**: A card with an icon of a book, with the text: 'View and download online Journals published by ARIPO.'
- Publication Server**: A card with an icon of a document with a seal, with the text: 'Search contents of the ARIPO Journal.'
- User Guide**: A card with an icon of a person reading, with the text: 'Learn how to use e-Service, IP Digital Library, and e-Journal.'
- Most Popular Form**: A section with three items:
 - Form 28**: Request for registration of industri...
 - Form 3**: Request for grant of patent
 - Form No. M 1**: Application for the registration of a ...
- Most Popular Journal**: A section with three items:
 - Vol. Vol. XXXII, No. 7**: AP_2015
 - Vol. Vol. XXXII, No. 8**: AP_2015
 - Vol. Vol. XXXIII, No. 9**: AP_2016
- Notice**: A section with one item:
 - Online Services now available for ...**: 03.05.2018

At the bottom of the page, there is a 'Go to homepage' button and a footer with logos for KOICA and WORLD FRIENDS, and the ARIPO logo.

- **Online Service provides IP information service for the general public.**
- **Online Service allows applicants to submit their IP applications without physically visiting the ARIPO offices by providing e-filing and e-payment through e-service.**
- **Online Service provides functions of e-service and IPDL(Intellectual Property Digital Library), and allows journal search, and download of forms & fees information.**

eservice.aripo.org



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SSL, double passwords based security

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 - └ Advanced Search

- ▶ JOURNAL
 - └ ARIPO Journal
 - └ Publication Server
 - └ Member States Journal

ARIPO Data

Free of charge

National Data

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Check and download submitted applications, follow-up documents and receipts.

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Application No.

Filing Date



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Total : 2723

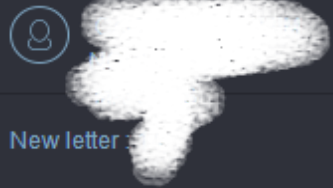
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	Form No.	Reference No.	Title	Date Sent	Down
P		AP/P/2019/0111	Request for Extension of Time to File	03.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	03.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	03.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	03.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	03.05.2019	
P	Form 3	AP/P/2019/0111	Request for Extension of Time to File	02.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	02.05.2019	
P	Letter	AP/P/2019/0111	Request for Extension of Time to File	02.05.2019	
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P	Letter	AP/P/2019/0111	Request for Extension of Time to File	02.05.2019	

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Application/Patent/Reg. No.

Due Date



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Total : 4112

<input type="checkbox"/>	Application No.	Patent/ Registration No.	Type of Fee	Amount	Due Date
<input type="checkbox"/>	Surcharge for late payment of annual maintenance fees	145.00	
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<input type="checkbox"/>	16.02.2019
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<input type="checkbox"/>	35.00	
<input type="checkbox"/>	Utility models registration and publication fee	...	
<input type="checkbox"/>	
<input type="checkbox"/>	Patent search report fee	...	
<input type="checkbox"/>	Patent examination report fee	300.00	

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- Status - Filing Date ~ Search

Total : 2684

Export

	Application No. Filing Date	Patent/Reg. No. Grant/Reg. Date	Title
P	2017.10.20		DISCOVERY OF...
P	23.10.2017		DISCOVERY OF...
U	AP/07/2015/00160 02.11.2017		...
P	21.09.2017		...
P	10.10.2017		MET...
P	24.10.2017		...
P	15.04.2019		...
P	12.09.2016		...
P	09.10.2017		...
P			ing Creativity n for Economic Growth and Development in Af

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- **Grant/Registration Date**
- **Designated States**
- **Title**
- **PCT Application No.**
- **PCT Application Date**

PERSON	DOCUMENTS HISTORY	PAYMENT HISTORY	REMINDER
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Applicant(s)

Name	Address	Nationality	Contact Info
[Redacted]	[Redacted]	US	[Redacted]

Inventor(s)

Name	Address	Nationality	Contact Info
[Redacted]	[Redacted]	US	[Redacted]




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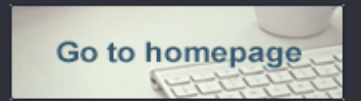
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- **Filing Date**
- **Patent/Registration No.**
- **Grant/Registration Date**
- **Designated States** BW GH KE NA
- **Title**
- **PCT Application No.**
- **PCT Application Date**

- PERSON
- DOCUMENTS HISTORY**
- PAYMENT HISTORY
- REMINDER

- ALL -

Total : 2

	Date	FormNo	Form Name
Received	03.05.2019	Form 12	Notification of filing date
Send	10.10.2017	Form 3	Request for grant of patent

Item per page : 10

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· Grant/Registration Date	
· Designated States	
· Title	
· PCT Application No.	
· PCT Application Date	

PERSON DOCUMENTS HISTORY **PAYMENT HISTORY** REMINDER

- ALL -

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- **Patent/Registration No.**
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- **Designated States**
- **Title**
- **PCT Application No.**
- **PCT Application Date**

PERSON	DOCUMENTS HISTORY	PAYMENT HISTORY	REMINDER
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Payment DueDate

Total : 1

Due Date	Contents
3Month	Patent annual maintenance fee 2nd

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Search

Total : 995

Date	Transaction	Debit	Credit
08.02.2019	Fee payment	100.00	0.00
08.02.2019	Fee payment	100.00	0.00
07.02.2019	Fee payment	100.00	0.00
07.02.2019	Credit note	0.00	100.00
07.02.2019	Credit note	0.00	100.00
29.01.2019	Fee payment	100.00	0.00
22.01.2019	Fee payment	100.00	0.00
22.01.2019	Fee payment	100.00	0.00
22.01.2019	Credit note	0.00	100.00
22.01.2019	Fee payment	100.00	0.00

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NOTIFICATION

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Total : 5749 Download(s)

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<input type="checkbox"/>	P		Letter (Formality)	07.05.2019	
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REMINDER

Due Date	Overdue
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E-PAYMENT	Reminder
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Total : 1502

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<input type="button" value="7Day"/>	15.05.2019			Utility models application fee
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<input type="button" value="1Month"/>	05.07.2019			Utility models annual maintenance fee 1st
<input type="button" value="10Month"/>	20.03.2020			Utility models annual maintenance fee 10th
<input type="button" value="3Month"/>	27.08.2019			Utility models annual maintenance fee 5th
<input type="button" value="12Month"/>				Patent annual maintenance fee 1st
<input type="button" value="19Day"/>	27.05.2019			Patent application fee
<input type="button" value="19Day"/>				Patent application fee

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REMINDER

Due Date	Overdue
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E-PAYMENT	Reminder
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- Type - - Number -

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Total : 1776

	Due Date	Application No.	Patent/Registration No.	Message
OverDue	08.06.2017	Utility models annual maintenance fee 3rd
OverDue	08.06.2017	...	...	Utility models annual maintenance fee 3rd
OverDue	06.06.2019	...	...	Utility models annual maintenance fee 3rd
OverDue	16.02.2019	...	...	Utility models annual maintenance fee 6th
OverDue	25.11.2017	...	...	Utility models annual maintenance fee 3rd
OverDue	07.05.2019	...	...	Patent designation fee
OverDue	07.05.2019	...	...	Patent application fee
OverDue	06.05.2019	...	...	Patent annual maintenance fee 1st
OverDue	06.05.2019	Patent annual maintenance fee 1st
OverDue	06.05.2019	Patent annual maintenance fee 2nd

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Due Date	Overdue
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E-PAYMENT	Reminder
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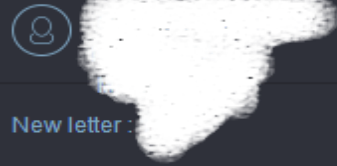
within 1 week ▾ - Type - ▾ - Number - ▾

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Total : 59

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<input type="button" value="7Day"/>	15.05.2019	Patent designation fee
<input type="button" value="7Day"/>	15.05.2019	Patent application fee
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<input type="button" value="7Day"/>	15.05.2019	Patent designation fee

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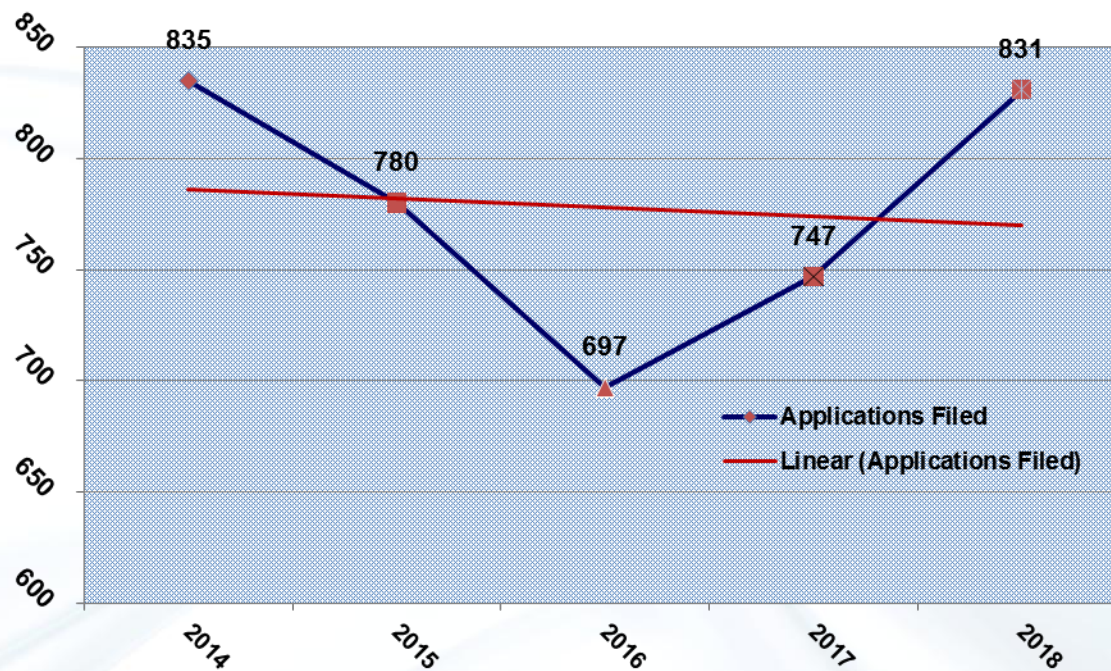
Patent Applications Received on Yearly Basis 2014-18

Year	2014	2015	2016	2017	2018
Patents	835	780	697	747	831

Monthly Filings -2018

Month	Total
Jan	71
Feb	67
Mar	70
Apr	60
May	75
Jun	82
Jul	71
Aug	62
Sept	54
Oct	68
Nov	78
Dec	59
Total	831
Avg Filings	69.25

Patent Applications Filed - Yearly (2014-2018)

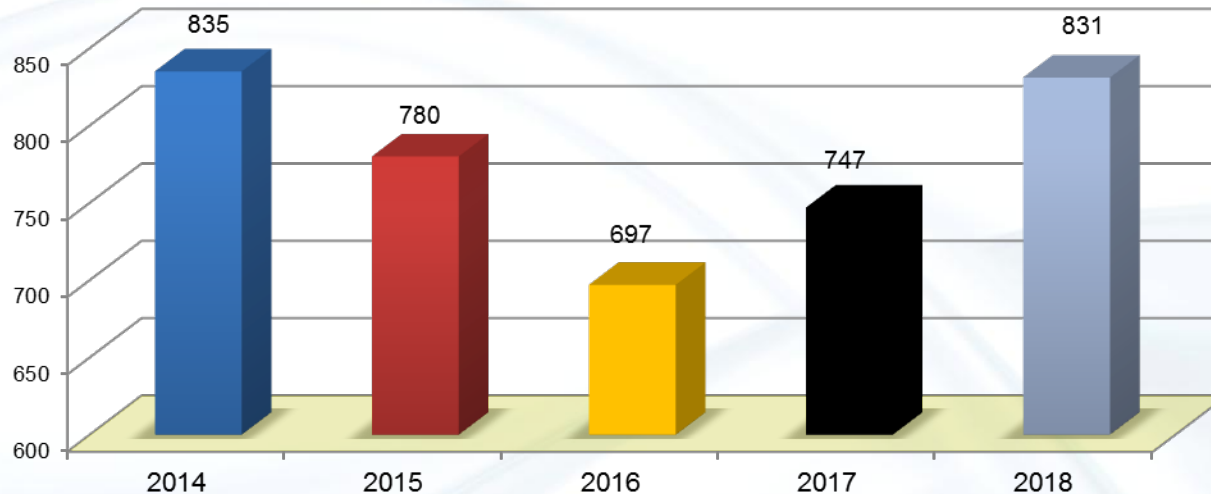


Applications Originating from Member States (MS) (2014 – 2018)

Year	2014	2015	2016	2017	2018
MS	11 (1.3%)	7 (0.9%)	14 (2%)	12 (1.6%)	22 (2.6%)
Others	824 (98.7%)	773 (99.1%)	683 (98%)	735 (98.4%)	809 (97.4%)
Total	835	780	697	747	831

Patent Applications Filed

	2014	2015	2016	2017	2018
Patents	835	780	697	747	831
PCT	788 (94%)	739 (94%)	657 (94%)	699	772 (92.3%)
% Online Filing			31.3%	58.1%	83%



Notes

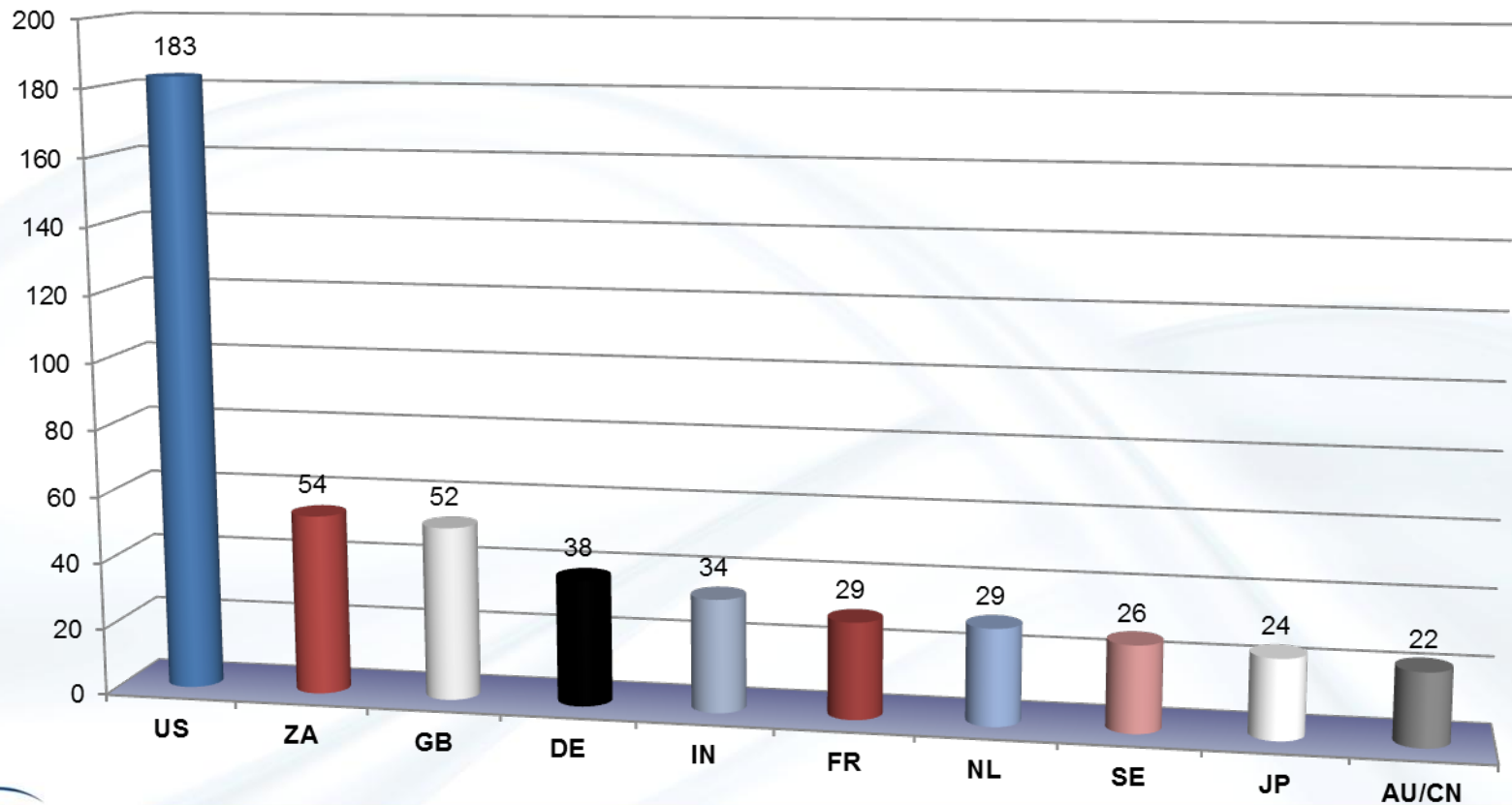
- Surpassed 2017 numbers and projection
- 4 applications short of the 2014 record
- Stable upward trend for applications filed
- Continued growth in online filing usage since launch in 2015



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Top 10 Countries of Origin (2018)

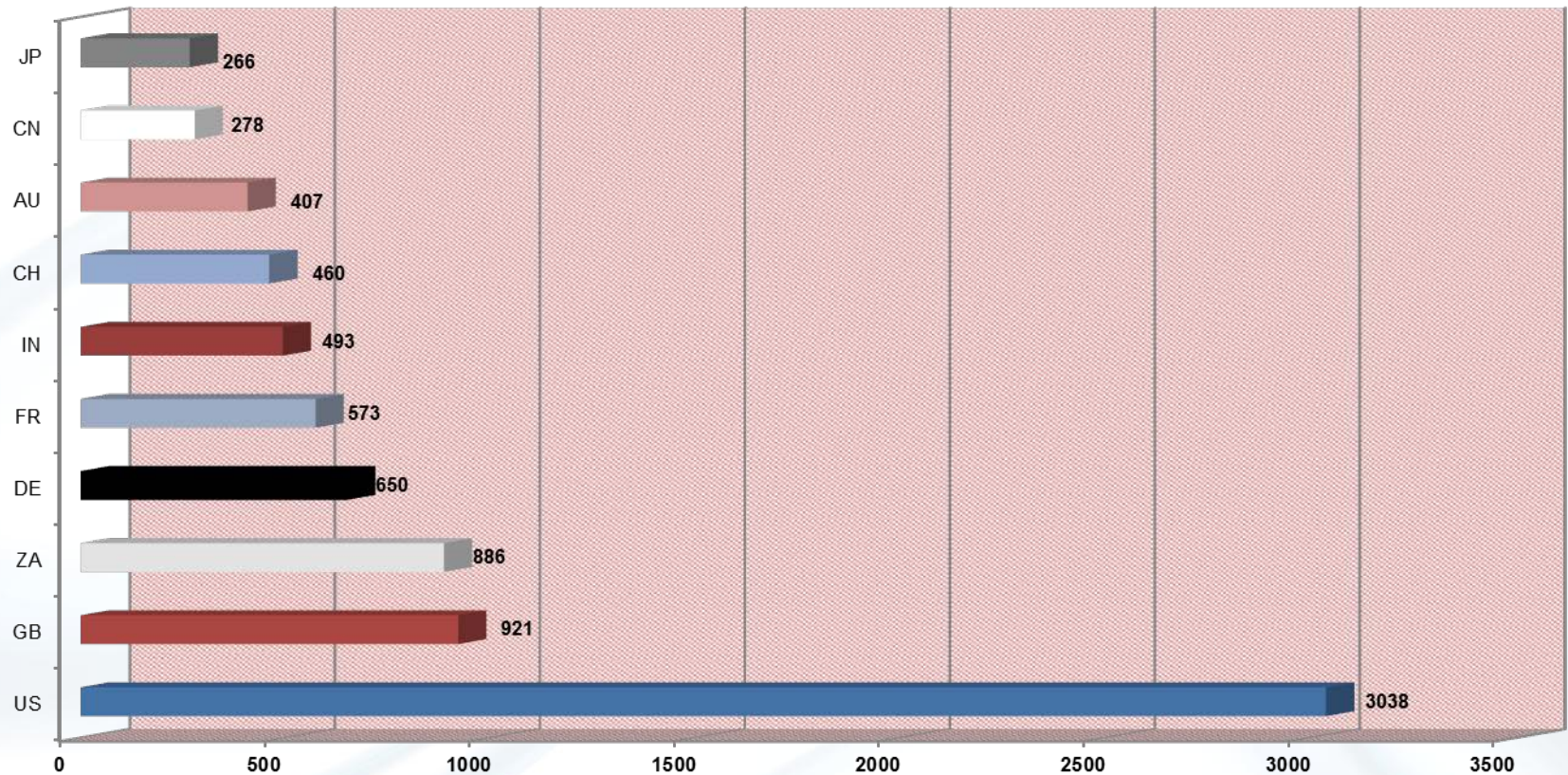
Top 10 Origin for Patent Applications



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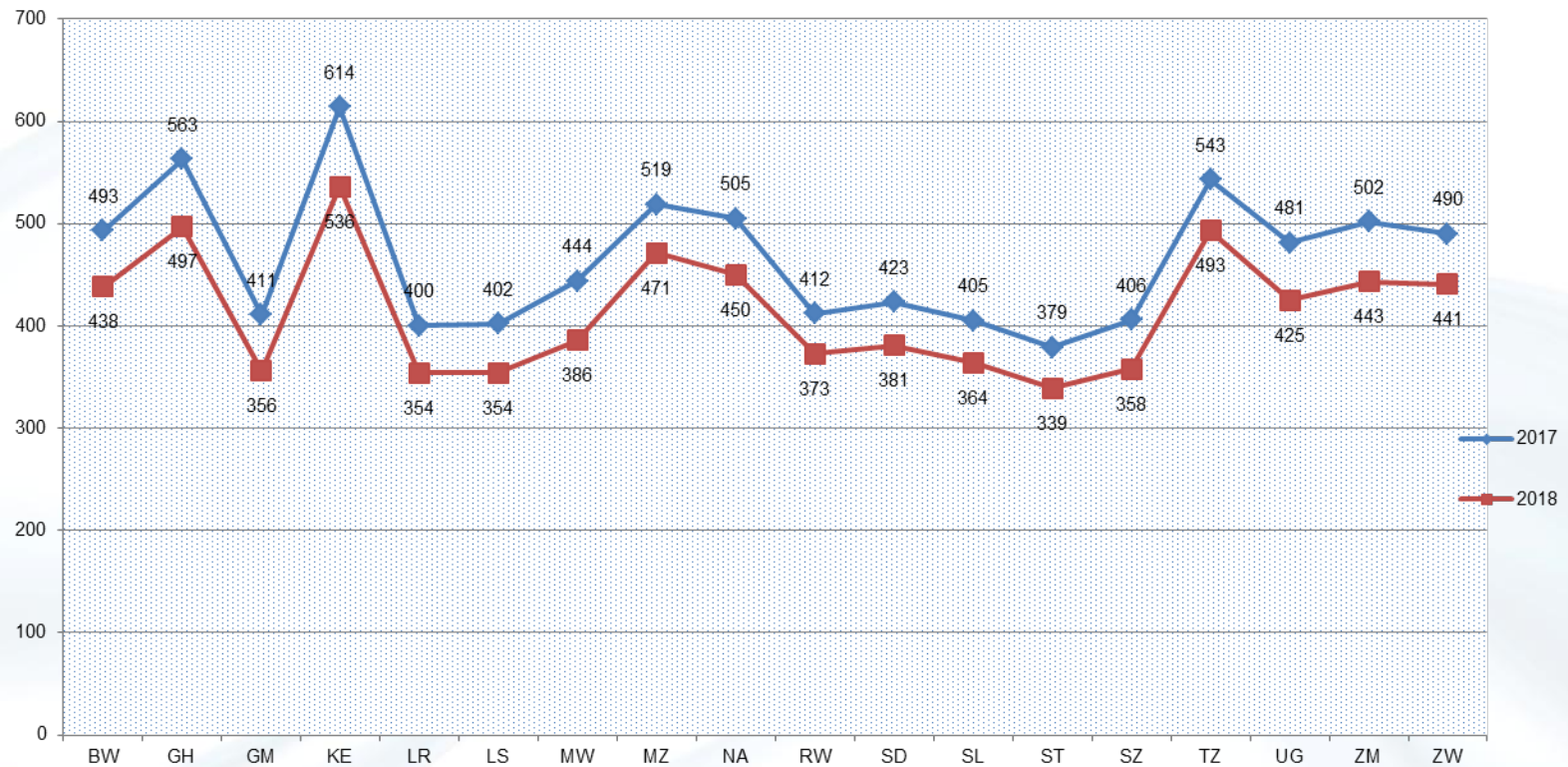
Top 10 Countries of Origin (1984 – 2018)

Top 10 Origins of Patent Applications since HP

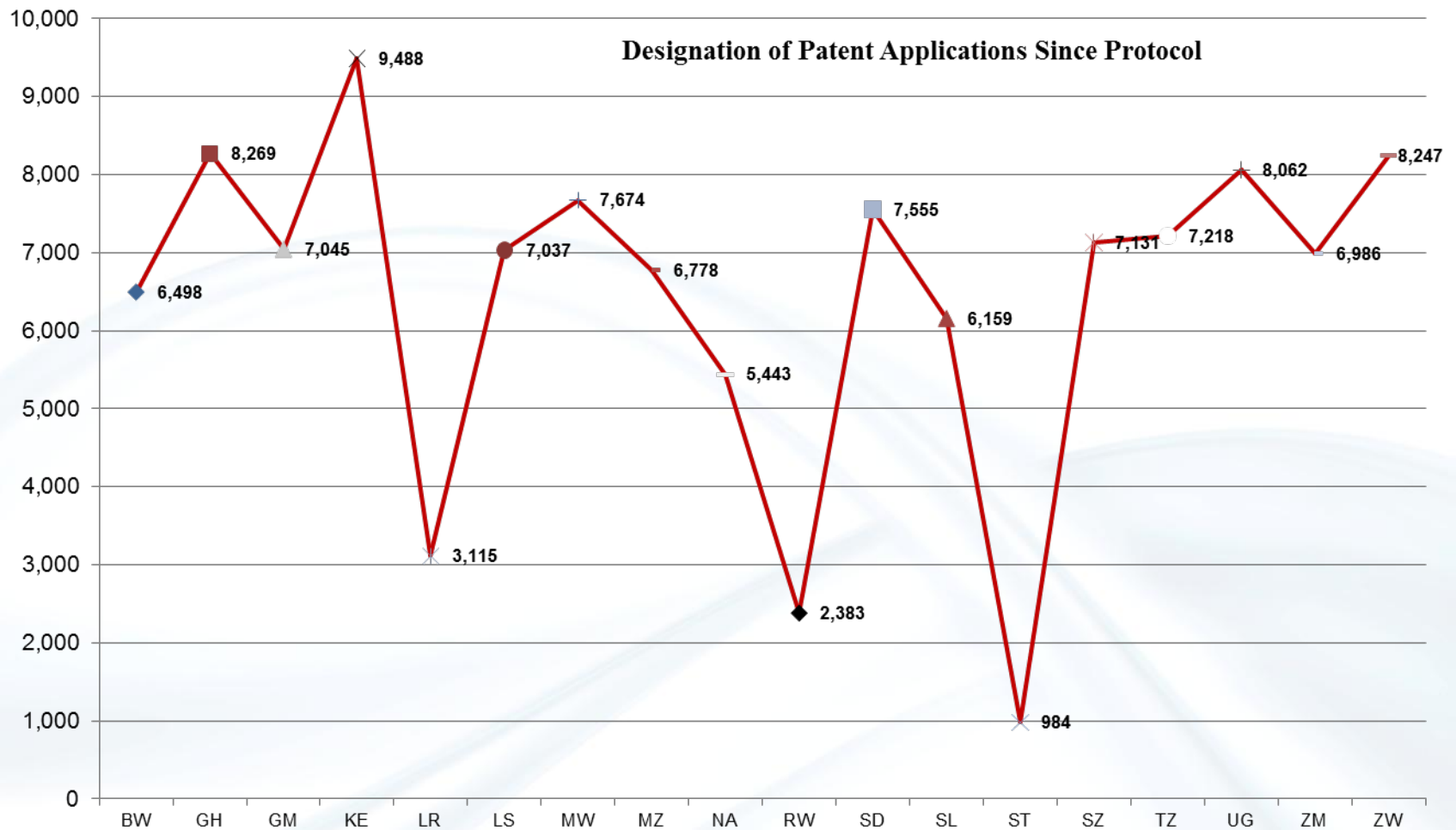


Designations of Applications Filed (2017-2018)

2017-2018 Designations by State - Patents

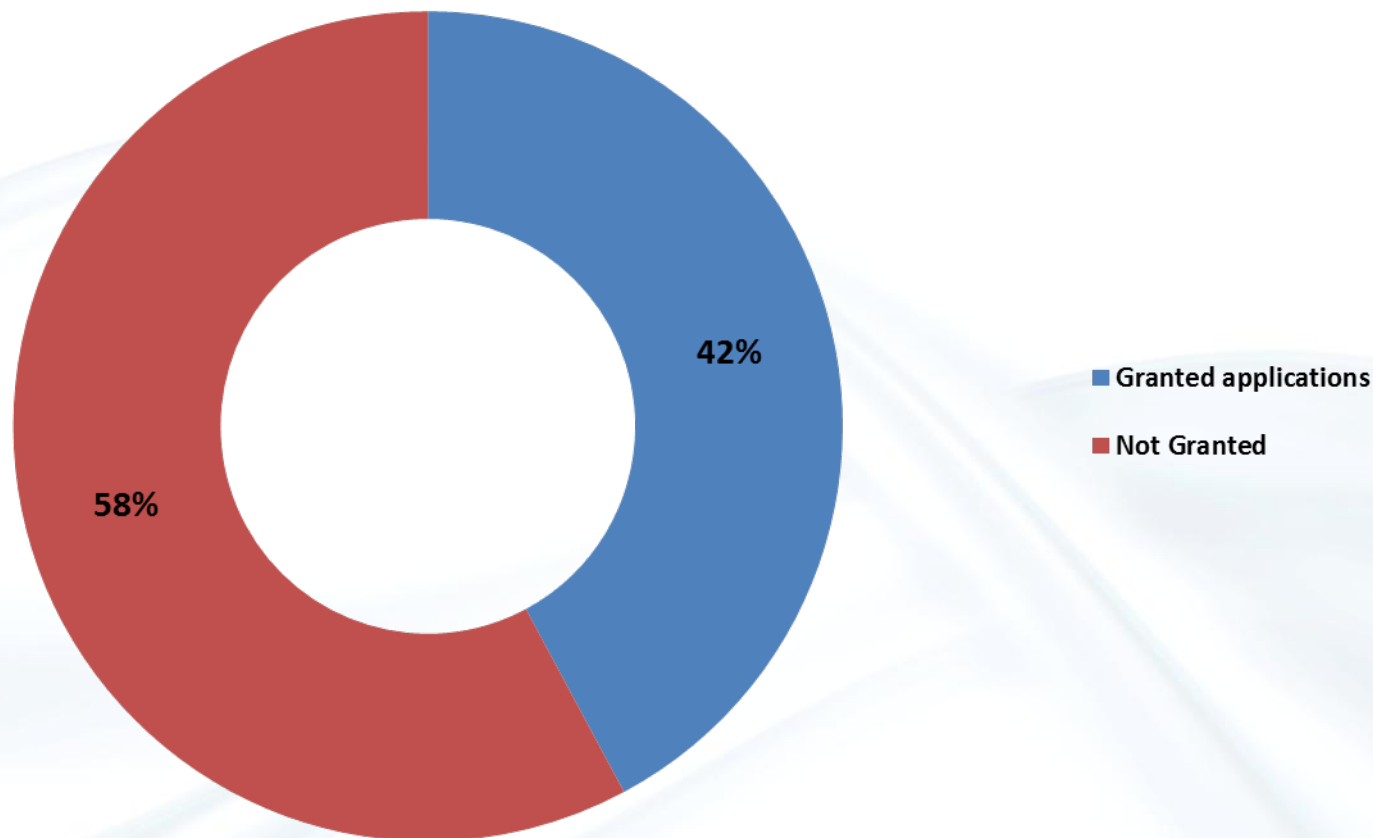


Total Designations of Applications Filed (1984 – 2018)



Grant Status of Applications (1984 – 2018)

Grant status of Applications





African Regional Intellectual Property Organization

- ▶ Address: 11 Natal Road, Belgravia,
Harare, Zimbabwe
- ▶ Tel: **+263 4 794 065 /6/8/54/74**
- ▶ Fax: **+263 4 794 072**
- ▶ Email: **sramadhan@aripo.org**
- ▶ **mail@aripo.org**
- ▶ Website: **www.aripo.org**