

# ROADMAP FOR PATENT CREATION

## PUBLIC PATENT DATABASES

### LECTURE 19

A very warm welcome in the fourth module of week 4 of the Course, roadmap for patent creation, titled “Public patent databases” In previous three modules we have gone through the IP identification tool, patentability tool and the IP audit framework In this module we will share the information about the public patent databases. Now you will if it says public patent databases then there must be private patent databases... Yes what you guessed is right only thing is these databases are called paid databases so there are two main types of databases as free patent databases which are free and paid databases for which anyone has to pay certain subscription fee.

So here we will concentrate on free databases So which are various patent databases freely available...there are many free patent databases. We will check a few patent databases in this module as

1. India: IP India
2. USA: USPTO
3. Canada: Cipo
4. Japan: jpo
5. EU: EPO- Espacenet
6. WIPO- Patentscope

Before starting the details about these databases let us first check what is the meaning of database Many times in routing also you listen this term in many contexts like railway timing database, Mumbai local timing database, student database, participant database and so on....What idea we get through this We can understand that it is the details related to that particular thing...For example when we say student database Then it may be college student database or any activity related to students and related to that database The information in such database may include name, age, gender, email, phone number etc.

So with this example you can understand that database generally contain some information related to that particular set under consideration This database acts as a useful information for various activities or sometimes it becomes rich source of information and can be exploited for various business activities....You can also consider the databases which might be created through facebook, linked in twitter, Instagram and so on... After getting this general information you can now guess what information you might get related to patent In patent database the focus is patent....You know now almost 100 million patent documents are available Now what information related to patent can be useful....Any guess

There are so many fields and this is very interesting and vast subject.....so to avoid diversion I will try to keep focus only as introduction As in one of the earlier modules we have given you idea about patent analytics And how it useful....This patent analytics starts with retrieving the patent from these databases

You get various information about patent as date of filing, priority date, date of publication, date of PCT filing, date of grant of the patent, inventor assignee, IPC classification, CPC and so on...So you got pretty well idea about patent database Now what dictionary says about databases so as per Cambridge Dictionary, **Database is a** large amount of information stored in a computer system in such a way that it can be easily looked at or changed. So it is the large amount of information It can be looked at And it can be changed These three things are mentioned as characteristics of the database So now we will check the various databases....You can see if these three criteria are applied there So let us start with Indian patent office site...IP India site So you can just type in browsing window IP india And can get to [www.ipindia.nic.in](http://www.ipindia.nic.in) This site is hosted by office of controller general of patents, designs and trademarks So here along with patent you get information about industrial designs trademarks, GI also

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Now what I will suggest you here to take a pause and do some small activity. Think of any key word related to your area of interest....Open the IP india site and go to patent search Here in the patent search choose published or granted and then against the title or abstract put the key words...add captcha and check if relevant patent documents are displayed....So I take a pause here Ok.. I hope you enjoyed the activity and also received the relevant patents against your key words search Now let us check the next patent database Espacenet So you can type in google the espacenet and go this window which is shown here Here you get three categories As Smart search Advanced search and Classification search So for example you choose classification search Then the complete details of the cooperative patent classification that is cpc will pop up Then based on your interested domain you can further click on any of the section for example "C" and then you can check further the details in the classification Now again come back to main window and click on advanced search.

Here you will get the advance search window which shows Title Title or abstract Then publication number Application number and so on Now you can put the information against any of this field to retrieve the relevant patents So I suggest you to do second activity here Please use same key word which you have used earlier for searching of patent on ip india site Now put these key words in relevant field and click on the search And check if you could retrieve the relevant patents. So here I take a pause ...so that you can continue the activity Great So now moving further Let us explore uspto

So you can type uspto on browsing window and you can get access to uspto site that is us patent and trademark office site Now click on to patents Now here you will get various headings In this click on " search for patents"

Here you will get so many options as

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- USPTO Patent Application Full-Text and Image Database (AppFT)
- Global Dossier
- Patent Application Information Retrieval (PAIR)
- Public Search Facility
- Patent and Trademark Resource Centers (PTRCs)
- Patent Official Gazette
- Common Citation Document (CCD)
- Search International Patent Offices
- Search Published Sequences
- Patent Assignment Search
- Patent Examination Data System (PEDS)

I will suggest you to choose say USPTO Patent Full-Text and Image Database (PatFT) And then you can check from various options like

- Quick Search
- Advanced Search
- Patent Number Search

Here may be you can try advance search So you can use same keywords used earlier and try to find out us patents in this area So here again I will take a pause so that you can browse through US patent office site Great so you have received information about three important resources for patent Now moving further Let us check japan patent office site Now here you can type in browsing window japan patent office and it will take you to Japanese patent office site On right side please locate quick links Under that title you will see various boxes In that click on the first box this will take you to This site Now there are various options as

- Number search
- Classification search Text search
- Classification

Now you can click on Classification search Text search And then you can use same key words and do the search So again I will take a pause here so that you can browse through japan patent office site Okay Now we will visit Canada patent office site In the browsing window just type the Canadian patent office You will go through this site.. Now you can click on patents Then on right side you will see “ search patent documents”Click on that It will take you to next window Where you will see various options as

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Thank you