

Part- 1 Patent Search Technique Used

1. Patent search database used *

Select any patent database from where you got particular patent to prepare PSAR report.

2. Keywords used for search

Provide the various keywords, which you have used to search patents.
Minimum THREE keywords

3. Search string used*

Provide exact phrase consisting of various keywords and Boolean operators (AND, OR, NOT etc.)

4. Number of results/hits getting*

Give the number of related patents you get after using proper search string

Part 2: Basic Data of Patented Invention/Bibliographic Data

5. Category/ Field of Invention*

Provide the branch of Engineering with which patent is associated (For e.g. Mechanical, chemical, electrical etc.)

6. Invention is related to (Class/Area of Invention)*

Provide the end field of technology with which patent is actually associated. (For e.g. – For automobile field's student: Patent is associated with gear, break, engine etc.)

6.1 IPC class of the studied patent

The International Patent Classification (IPC) is a hierarchical patent classification system used in over 100 countries to classify the content of patents in a uniform manner

7. Title of Invention/Patent*

Provide the exact title of patent as shown on patent document which you are studying.

8. Patent No.

For patent applications which are granted, give the exact patent number as given by patent office

9. Application Number*

Provide the exact application number of studied patent

9.1 Web link of the studied patent

Mention the web link of patent studied by you, so it will help for easy retrieval of same patent after words.

10. Date of Filing/Application* (DD/MM/YYYY)

Mention the date on which application for patent is made

11. Priority Date (DD/MM/YYYY)

Mention the FIRST DATE i.e. the date on which application for FIRST patent is made for this invention in ANY OF THE COUNTRY.

12. Publication/Journal Number

Mention the Publication No. /Journal No. /Bulletin No etc. in which application for patent is published.

13. Publication Date (DD/MM/YYYY).

The date on which application for patent is published in official patent journal/bulletin

14. First Filled Country

Mention the country where application for patent is filled first time for particular invention.

15. Also Published as

Give details of one or more countries and relevant application/patent number in which application for patent is made to protect SAME invention.

16. Name of Inventor/s*

Give details of one or more inventors associated with development of invention mentioned under this patent

17. Name of Applicant*

Give details of one or more Applicant/Assignee associated with development of invention mentioned under this patent.

18. Applicant for Patent is*

Mention whether the applicant for patent is Individual Person/s or Organization (Company/College/University etc.)

Part 3: Technical Part of Patented Invention

19. Limitation of Prior Technology/Art*

Give details about, what are the problems associated with previous available technologies, prior to this patent.

20. Specific Problem Solved/Objective of Invention*

Give details about objectives and benefits of particular Invention/Patent and list out the specific problems, which were overcome by technology behind this patent.

21. Brief about Invention*

Give detailed information about patent, and its technology. Content should comprise details related to following questions:

What is this Invention?

What are its Components?

What is the role of each component?

What is the flow of process?

How the invention will work?

22. Key learning points*

Give point wise details related to, what each student has learnt after studying each patent

23. Summary of Invention*

Here students have to give details about what they have learnt after reading each patent document. Make note on following points, IN YOUR WORDS

24. Number of claims*

Give the exact number, how many claims are there in studied patent

25. Patent Status*

Select any one which is applicable for studied patent – Published Application/Granted Patent/ In-force Patent/ Failed to maintain the Patent/Expired Patent

26. How much this invention is related with your project? *

Select any one indicating % relevance of this patent document with you project:

> 91 %, 71 to 90%, < 70 %,

Not related to project

27. Do you have any idea to do anything around the said invention to improve it?*

After studying each patent thoroughly and by answering all the previous questions, each student has to answer this question very carefully and give your valuable ideas in a very precise manner.

Here students have to think for any possible modification/ improvement in the studied patent he/she can make so as to maximize its effectiveness/user friendliness.

Students have to give idea about possible alterations they can make, in briefly about 500 words