



2021 Patent Infringement Risk Search – Engineering A&B

INSTRUCTIONS

Prepare and conduct a search. Try as much as possible to describe the steps you take to acquaint yourself with the topic of such a search. Describe how you find and use the necessary information in devising the search query. Your reasons for NOT including certain aspects may also be of importance. Keep a record (history) of the search you conduct in the database of your choice. Explain any factors other than the technical topic that will have an effect on the search. Be as detailed as possible in describing your approach to the search including devising the search strategy, the choices you make in devising the strategy, the database syntax you use and what it means, the results you pick.

The majority of the marks will be awarded for the explanation you provide about devising and finalising your search strategy. Do not stop if you find a seemingly perfect hit, as by finishing early you might not earn enough marks to pass. There is no perfect set of results.

You can upload multiple files, but please be aware that you cannot upload more than a maximum of 10 Megabytes for all uploaded files in total. Should the total size of all your files exceed this limit, try to compress the files so that the total of all of the files to be uploaded is under 10 MB (please note zip files cannot be uploaded). Please make sure that your file is compatible with Word / Excel 2007 up to and including Office 365. For example, using Open (Libre-)Office there are options to save such a file as e.g. "Word 2007 – 365 (docx)". There are similar options in other text processing / spreadsheet programmes. In the event that you experience difficulty in uploading your files, but only then, you may send them by email to exam@qipip.org with an explanation of the problem **WITHIN the allotted time**.

CASE STUDY

[The letters A, B, C and D indicate the variations in this case study for the different time zone regions in which the candidates sat for the exam)]

Underwater diving as an activity is seen both as an occupation (e.g. in research and oil and gas industries) and as a popular leisure activity. While sign language / hand signals are a well-known way for divers to communicate, newer divers may find the signals hard to remember, and there are circumstances where a quicker or easier means to communicate would be beneficial.

Your client is a manufacturer of diving masks which has developed a scheme for transmitting voice data between a plurality of divers, which transmits the voice data between the divers using LiFi technology.

A&B: They want to incorporate this technology into SCUBA diving masks.

C: They want to incorporate this technology into snorkelling masks

D: They want to incorporate this technology into a handheld device (e.g. a torch).

The client has an indemnity agreement in place with a manufacturer of LiFi transceivers e.g. in case of standard essential patents (SEPs), however they are keen to avoid litigation from infringing third party patents relating to the specific application of the LiFi technology in their own products, and as such you have been instructed to carry out a freedom-to-operate search for this product line. Their current intention is to launch the product in France, the UK and the USA.