

Sharing session on the use of artificial intelligence for examination of patent applications

Thank you, Mr. Chairman,

The Czech delegation wishes to share the updated information on the use of artificial intelligence for examination of patent applications at the Czech IP Office.

Also, the Czech IP Office recognizes the high potential of artificial intelligence and its use in IP management as well as in enhancing services provided to the IP system users. By inspiring with other IP Offices and based on our needs, we are gradually increasing the use of AI in different activities of our Office.

I will start with initiatives improving the IPR management.

Starting from 2024, we plan to launch internal AI examination support, which will help our examiners with the file distribution, classification of patent applications and prior art search.

Next group of activities is more focused on improving our public services.

First, the Office is currently working on creation of automated IP helpdesk, which will be nonstop available to our users. The idea is to start with the provision of IP related advice in general. Later we wish to enlarge this service and provide also the information dedicated to procedures of different IP applications. In this context, we would like to take advantage of the cooperation with the Czech Technical University in Prague, University of West Bohemia and Technical University of Ostrava and introduce chatbot to improve our helpdesk service. For the purpose of enhancing this service, we have also analysed the use of voice recognition. But the reality had shown that it is still rather problematic for the Czech language.

Then, in terms of the introduction of automated search and classification system, we have run the proof of concept. It confirmed that such a project is helpful and really needed. The preparatory phase of this project has been finished and the development work will take place in next 2 years. The service should be ready for public use starting from 2024.

With this, I thank you.