EPO Machine Translation Programme:
From Research to Development - Experience over European and Asian languages
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Abstract

Since 2004, the EPO has been involved in advancing natural language processing technologies for translating automatically patents from one language to the other. This talk will summarize 5 years of Research and Development and describe lessons learned from that successful initiative servicing thousands of users daily. Emphasis will be put on solutions to overcome the difficulties of reaching a user acceptable quality in translating Asian languages into European languages.

Speaker Biography

Barrou Diallo is current the Head of Research at the EPO. He manages projects on Machine Translation, Data Mining and Enterprise Architecture. He holds a Ph.D. in Computer Sciences, an M.Sc. in Biomathematics and an M.Sc. in Law and Cyberspace. He has published several papers on patent processing, computer graphics, 3D visualisation and database management. He was the project manager of the first real-time European Machine Translation system for patents at the EPO. Prior to these various positions, Barrou Diallo had a chair as Professor in the Chamber of Commerce of Le Mans and Assistant Professor at the University of Compiegne. He also collaborated on large industrial projects in Telecommunication and manufacturing.