

Title (en)
Rotor of a turbomachine

Title (de)
Rotor einer Strömungsmaschine

Title (fr)
Rotor d'une turbomachine

Publication
EP 1785586 A1 20070516 (DE)

Application
EP 05022933 A 20051020

Priority
EP 05022933 A 20051020

Abstract (en)
The rotor shaft has a radial circulating groove (12) providing a cavity (13). The groove is in fluidic connection, for the purpose of the supply and discharge of a cooling agent, on the one hand, with a cooling agent supply line (10) and, on the other hand, with a cooling agent discharge line (11). An independent claim is also included for the method for the partial cooling of a shaft of a rotor of a turbo-machine e.g. a steam turbine or gas turbine.

IPC 8 full level
F01D 25/32 (2006.01); **F01D 5/08** (2006.01); **F01D 9/06** (2006.01); **F01D 25/14** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP)
F01D 5/084 (2013.01); **F01D 5/088** (2013.01); **F01D 9/065** (2013.01); **F01D 25/14** (2013.01); **F01D 25/32** (2013.01); **F05D 2260/2322** (2013.01)

Citation (search report)

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