

Title (en)

ROTOR FOR A STEAM TURBINE

Title (de)

ROTOR FÜR EINE DAMPFTURBINE

Title (fr)

ROTOR POUR UNE TURBINE À VAPEUR

Publication

EP 1536102 B1 20190320 (DE)

Application

EP 04105832 A 20041117

Priority

DE 10355738 A 20031128

Abstract (en)

[origin: EP1536102A2] The rotor (2) extends along a rotational axis (5) and has two axially adjoining rotor parts (2a, 2b, 2c) welded together with the welding zone (15) circumferentially enclosing a cavity (18) which is formed from two indentations (16, 17) in the ends of the rotor parts. The cavity forms a constituent part of a cooling duct system (19) through which the cooling vapour flows.

IPC 8 full level

F01D 5/06 (2006.01); **F01D 5/08** (2006.01); **F02C 7/16** (2006.01)

CPC (source: EP US)

F01D 5/063 (2013.01 - EP US); **F01D 5/085** (2013.01 - EP US); **F01D 5/087** (2013.01 - EP US); **F01D 5/088** (2013.01 - EP US); **F05D 2260/20** (2013.01 - EP US); **F05D 2260/205** (2013.01 - EP US); **F05D 2260/2322** (2013.01 - EP US)

Cited by

EP1911933A1; EP2565419A1; EP2211017A1; EP1936115A3; EP1895094A1; EP1849959A3; EP2998506A1; EP2264281A3; US8454297B2; US7850423B2; WO2013029911A1; WO2008043663A1; EP1936115A2; US8277173B2

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