

Title (en)
Rotor for a steam turbine

Title (de)
Rotor für eine Dampfturbine

Title (fr)
Rotor pour turbine à vapeur

Publication
EP 2573317 A1 20130327 (EN)

Application
EP 11182186 A 20110921

Priority
EP 11182186 A 20110921

Abstract (en)
Rotor (1) for a steam turbine, especially for solar-thermal power plants. The rotor (1) is embodied such that steam flows through at least some areas of it. A steam turbine with such a rotor (1) and a method for operating such a steam turbine are also disclosed.

IPC 8 full level
F01D 5/08 (2006.01); **F01D 25/10** (2006.01)

CPC (source: EP)
F01D 5/08 (2013.01); **F01D 25/10** (2013.01); **F05D 2220/31** (2013.01)

Citation (applicant)
DE 102011005122 A 20110304

Citation (search report)
• [X] US 6162018 A 20001219 - BEECK ALEXANDER [DE], et al
• [X] JP H09177755 A 19970711 - TOSHIBA CORP
• [X] US 2005118025 A1 20050602 - HIEGEMANN MICHAEL [CH], et al
• [X] EP 1892376 A1 20080227 - SIEMENS AG [DE]
• [X] JP H1136804 A 19990209 - MITSUBISHI HEAVY IND LTD
• [X] JP S5934402 A 19840224 - HITACHI LTD
• [A] WO 2010149614 A2 20101229 - SIEMENS AG [DE], et al

Cited by
US10690136B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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