

Title (en)
ROTOR FOR AN AXIAL FLOW TURBOMACHINE

Title (de)
ROTOR FÜR EINE AXIAL DURCHSTRÖMBARE STRÖMUNGSMASCHINE

Title (fr)
ROTOR POUR TURBOMACHINE À FLUX AXIAL

Publication
EP 2173972 A1 20100414 (DE)

Application
EP 08787065 A 20080808

Priority
• EP 2008060480 W 20080808
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Abstract (en)
[origin: EP2025867A1] The rotor (12) has multiple rotor discs (10,14,16,24,26) that are arranged in stacks and clamped together with a tie rod (58). The rotor discs (24,26) of the rotor comprises a smaller outer diameter than one of the neighboring rotor discs (16) and that the difference in diameter is compensated by a drum (28) surrounding the rotor disc with the smaller outer diameter as a ring. An independent claim is included for a gas turbine with a compressor.

IPC 8 full level
F01D 5/06 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2009021927A1

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