

Title (en)

Axial-flow thermal turbomachine

Title (de)

Axial durchströmte thermische Turbomaschine

Title (fr)

Turbine thermique à écoulement axial

Publication

EP 1462614 B1 20150128 (DE)

Application

EP 04101054 A 20040315

Priority

DE 10313490 A 20030326

Abstract (en)

[origin: EP1462614A2] An axial stream thermal turbine engine with a metal rotor (1) of first density (D1), in which alternating blades (3,3') and an intermediate piece (4) are mounted in a peripheral slot, where piece (4) is made from a material of a second density (D2).

IPC 8 full level

F01D 5/28 (2006.01); **C22C 14/00** (2006.01); **F01D 5/02** (2006.01); **F01D 5/30** (2006.01); **F01D 11/00** (2006.01); **F02C 7/00** (2006.01)

CPC (source: EP US)

F01D 5/02 (2013.01 - EP US); **F01D 5/28** (2013.01 - EP US); **F01D 5/30** (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F05D 2300/50** (2013.01 - EP US); **F05D 2300/606** (2013.01 - EP US)

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DOCDB simple family (publication)

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EP 04101054 A 20040315; DE 10313490 A 20030326; JP 2004083409 A 20040322; US 80849304 A 20040325