

Title (en)
Blading for an axial-flow turbomachine

Title (de)
Schaufelanordnung für eine axiale Turbomaschine

Title (fr)
Aubage pour une turbomachine axiale

Publication
EP 1462617 B1 20120919 (DE)

Application
EP 04101062 A 20040316

Priority
DE 10313489 A 20030326

Abstract (en)
[origin: EP1462617A2] An axial streaming turbine engine with a metal rotor (1) in which rotor blades (3) made from an intermetallic material are mounted in a peripheral slot forming a rotor blade series, where at least two rotor blades (3') made from a ductile material are located in the rotor blade series between the intermetallic rotor blades (3), where rotor blades (3') are either longer than blades (3) or of equal length but have different blade tips.

IPC 8 full level
F01D 5/28 (2006.01); **C22C 14/00** (2006.01); **F01D 5/20** (2006.01); **F01D 21/04** (2006.01); **F02C 7/00** (2006.01)

CPC (source: EP US)
F01D 5/20 (2013.01 - EP US); **F01D 5/28** (2013.01 - EP US); **F01D 21/04** (2013.01 - EP US); **F05D 2240/30** (2013.01 - EP US); **F05D 2300/50** (2013.01 - EP US)

Cited by
EP1746249A3; EP2573326A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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EP 04101062 A 20040316; DE 10313489 A 20030326; JP 2004083410 A 20040322; US 80849204 A 20040325