

Title (en)

Turbine shroud

Title (de)

Turbinen-Mantelring

Title (fr)

Anneau de turbine

Publication

EP 1586743 B1 20120530 (FR)

Application

EP 05290821 A 20050414

Priority

FR 0403925 A 20040415

Abstract (en)

[origin: EP1586743A1] The shroud has sectors (11) reunited end to end with interposition of a sealing system (26). The sealing system has rectilinear strips (27, 28, 29) extending between the adjacent sectors. The strips are housed in respective rectilinear slots (31, 32, 33), where the slots are independent and are arranged opposite to each other in adjacent radial sides of the sectors. An independent claim is also included for a high pressure turbine having a shroud forming an outer cover of a rotor.

IPC 8 full level

F01D 11/00 (2006.01); **F01D 11/08** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP US)

F01D 11/005 (2013.01 - EP US); **F05D 2240/11** (2013.01 - EP US)

Cited by

EP2045445A3; CN101852136A; FR2919345A1; FR3070718A1; CN111051649A; EP2045445A2; US9810086B2; US11149574B2; WO2013074165A3; WO2019048766A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 1586743 A1 20051019; EP 1586743 B1 20120530; CA 2503066 A1 20051015; CA 2503066 C 20130115; CN 1683772 A 20051019; CN 1683772 B 20110706; ES 2386146 T3 20120810; FR 2869070 A1 20051021; FR 2869070 B1 20081017; JP 2005299663 A 20051027; JP 4679215 B2 20110427; RU 2005110997 A 20061020; RU 2377419 C2 20091227; UA 91958 C2 20100927; US 2009074579 A1 20090319; US 7513740 B1 20090407

DOCDB simple family (application)

EP 05290821 A 20050414; CA 2503066 A 20050412; CN 200510065259 A 20050415; ES 05290821 T 20050414; FR 0403925 A 20040415; JP 2005114431 A 20050412; RU 2005110997 A 20050414; UA A200503531 A 20050414; US 10353905 A 20050412