

Title (en)
Axially split rotor end piece

Title (de)
Axial getrennter Rotor-Schluss

Title (fr)
Fermeture de rotor à fente axiale

Publication
EP 1698758 A3 20130327 (DE)

Application
EP 06110011 A 20060216

Priority
CH 3222005 A 20050223

Abstract (en)
[origin: EP1698758A2] The end piece has a clip (8) positioned in a residual gap for absorbing forces of two end piece halves, where the gap is formed between end blades. Two shim halves (5, 6) are arranged between the end piece halves and restrained with a wedge, and comprise shim tabs above an undercut. The shim halves are arranged to be driven by the wedge. Moving blades, intermediate pieces, and the blades are fitted in a circumferential slot. An independent claim is also included for a method of fitting an axially separate rotor end piece.

IPC 8 full level
F01D 5/32 (2006.01); **F01D 5/30** (2006.01)

CPC (source: EP US)
F01D 5/3038 (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

Citation (search report)

- [AD] EP 1457642 A2 20040915 - ALSTOM TECHNOLOGY LTD [CH]
- [AD] EP 1215367 A2 20020619 - ALSTOM POWER NV [NL]
- [A] CH 349624 A 19601031 - OERLIKON MASCHF [CH]
- [A] DE 1751819 B1 19710121 - SULZER AG [CH]

Cited by
EP2045444A1; CN108791817A; CH702204A1; EP3159483A1; US8257047B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1698758 A2 20060906; EP 1698758 A3 20130327; EP 1698758 B1 20151111; US 2006188373 A1 20060824; US 7338258 B2 20080304

DOCDB simple family (application)
EP 06110011 A 20060216; US 27618606 A 20060217