

Title (en)

Disk of a turbomachine rotor with an axial retention device for the blades

Title (de)

Turbomaschinenrotorscheibe mit einer Axialhalterung für die Laufschaufeln

Title (fr)

Disque de rotor d'une turbomachine avec un dispositif de retenue axiale d'aubes

Publication

EP 1584794 B1 20160727 (FR)

Application

EP 05290544 A 20050310

Priority

FR 0403738 A 20040409

Abstract (en)

[origin: EP1584794A1] The device has an annular flange (40) whose internal radial edge (44) is mounted in an annular groove (32) of a disk (10) and an external radial edge (48) is supported on a foot (14) of a blade (12). A circular bolt (42) immobilizes the flange in rotation of the groove. The bolt is movable in rotation of the groove between a locking position of the flange, and mounting and demounting position of the flange in the groove.

IPC 8 full level

F01D 5/30 (2006.01); **F01D 5/02** (2006.01)

CPC (source: EP US)

F01D 5/3015 (2013.01 - EP US)

Cited by

WO2011092439A1; FR2955889A1; EP1795709A3; FR2940351A1; EP2224098A3; FR3018548A1; FR3092861A1; EP2643554A4; EP3179049A1; CN107013258A; FR3020408A1; EP3179050A1; FR3085994A1; FR3139855A1; US10330020B2; US11066940B2; US8096776B2; US10036268B2; US9784114B2; US10047865B2; US9033666B2

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