

Title (en)

Attaching a rotor blade on a rotor of a turbomachine

Title (de)

Befestigung einer Laufschaufel am Rotor einer Turbomaschine

Title (fr)

Fixation d'une aube rotorique au rotor d'une turbomachine

Publication

EP 1253293 A3 20040929 (DE)

Application

EP 02405278 A 20020409

Priority

DE 10120532 A 20010426

Abstract (en)

[origin: EP1253293A2] The fixing device fixes a turbine blade (3) to the rotor (2) of a turbine. The blade has a foot, an aerofoil (32) and a platform (31) between these, with at least two side flanks (33, 34). Each blade has resting surfaces (52) aligned parallel to the rotor axis (4) to act with the blade foot extending into the circumferential groove (1).

IPC 1-7

F01D 5/30

IPC 8 full level

F01D 5/30 (2006.01)

CPC (source: EP US)

F01D 5/3038 (2013.01 - EP US); **F01D 5/32** (2013.01 - EP US)

Citation (search report)

- [DY] US 4684325 A 19870804 - ARNOLD HUBERT E [GB]
- [Y] DE 1122551 B 19620125 - SULZER AG

Cited by

EP4209658A1; CN109366403A; EP2320030A1; CH702203A1; CN104508248A; US8770938B2; WO2014016431A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1253293 A2 20021030; EP 1253293 A3 20040929; DE 10120532 A1 20021031; JP 2002332802 A 20021122; US 2002182081 A1 20021205

DOCDB simple family (application)

EP 02405278 A 20020409; DE 10120532 A 20010426; JP 2002127030 A 20020426; US 12442802 A 20020418