

Title (en)

Locking device for turbomachine blades

Title (de)

Fixiervorrichtung für eine Beschaufelung einer Strömungsmaschine

Title (fr)

Dispositif de fixation des aubes de turbomachine

Publication

**EP 1215367 B1 20061227 (DE)**

Application

**EP 01128574 A 20011130**

Priority

DE 10062908 A 20001216

Abstract (en)

[origin: EP1215367A2] Fixing device for a blade mounting of a compressor or turbine stage of a gas turbine system comprises a wedge element (43) having at least one connecting element (45) for the side of a blade (31, 32). At least one of the two blades adjacent to the wedge element has a counter-contour (46) corresponding to the connecting element so that the wedge element and the blade engage with each other with a form-locking connection. Preferred Features: The connecting element and the corresponding counter-contour are designed as a dovetail joint.

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); **F01D 5/32** (2013.01 - EP US); **F01D 5/323** (2013.01 - US); **Y10T 29/37** (2015.01 - EP US); **Y10T 29/49321** (2015.01 - EP US); **Y10T 29/49323** (2015.01 - EP US)

Cited by

EP1698758A3; EP1457642A3; US7338258B2; US7367778B2; US7192256B2; WO2016195657A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 1215367 A2 20020619**; **EP 1215367 A3 20040121**; **EP 1215367 B1 20061227**; DE 10134611 A1 20020627; DE 50111726 D1 20070208; US 2002127105 A1 20020912; US 6647602 B2 20031118

DOCDB simple family (application)

**EP 01128574 A 20011130**; DE 10134611 A 20010717; DE 50111726 T 20011130; US 99668301 A 20011130