

Title (en)

Method of mounting a securing element on a turbomachine rotor

Title (de)

Verfahren zum Montieren eines Sicherungselements an einem Turbomaschinenrotor

Title (fr)

Procédé de montage d'un élément de sécurité sur un rotor de turbomachine

Publication

EP 1910647 B1 20110907 (DE)

Application

EP 06761823 A 20060719

Priority

- DE 2006001246 W 20060719
- DE 102005035901 A 20050730

Abstract (en)

[origin: DE102005035901A1] The unit has a plate-like base body (24) including a recess at its center, where the recess is formed between two end sections (26, 27) of the body. The recess defines a middle section of the body, which runs between the end sections. The middle section is flat and/or uncurved before the mounting of the securing unit at the rotor of the turbo-machine. The end sections have contact surfaces (29, 30) that run parallel to each other and face a rotor base body after the mounting of the securing unit. Independent claims are also included for the following: (1) a method of mounting a securing unit at a turbo-machine rotor for securing position of rotor blades in grooves of a rotor base body (2) a rotor of a turbo-machine e.g. gas turbine rotor, with securing units.

IPC 8 full level

F01D 5/30 (2006.01)

CPC (source: EP US)

F01D 5/3015 (2013.01 - EP US); **F05D 2300/501** (2013.01 - EP US); **Y10T 29/49316** (2015.01 - EP US); **Y10T 29/49321** (2015.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 102005035901 A1 20070201; EP 1910647 A1 20080416; EP 1910647 B1 20110907; US 2009092497 A1 20090409; US 8128374 B2 20120306; WO 2007014543 A1 20070208

DOCDB simple family (application)

DE 102005035901 A 20050730; DE 2006001246 W 20060719; EP 06761823 A 20060719; US 98955206 A 20060719