

Title (en)

Blade fixation with locking device for turbine blades

Title (de)

Schaufelbefestigung mit Sicherheitseinrichtung für Turbinenschaufeln

Title (fr)

Fixation des aubes avec dispositif de verrouillage pour aubes de turbines

Publication

**EP 2478187 A1 20120725 (DE)**

Application

**EP 10755152 A 20100917**

Priority

- EP 09011885 A 20090917
- EP 2010063701 W 20100917
- EP 10755152 A 20100917

Abstract (en)

[origin: EP2299060A1] The rotor (1) has a turbine blade and a safety mechanism (7) for axial and radial safety of the turbine blade, where a blade groove and the turbine blade are provided with a turbine blade base (3). The blade groove and the turbine blade base are formed in such a way that the turbine blade base is adapted in the blade groove. The safety mechanism has a shear pin (8), which protrudes into a bore (15) in the turbine blade base.

IPC 8 full level

**F01D 5/32** (2006.01)

CPC (source: EP US)

**F01D 5/323** (2013.01 - EP US); **F05B 2260/3011** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2011033063A1

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DOCDB simple family (publication)

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