

Title (en)

Attachment device for attaching a rotor blade to a rotor of a turbomachine

Title (de)

Befestigungsanordnung zur Befestigung von einer Laufschaufel an einem Rotor einer Turbomaschine

Title (fr)

Dispositif de fixation destiné à la fixation d'une pale de rotor sur une turbomachine

Publication

EP 2149677 B1 20110907 (DE)

Application

EP 08013704 A 20080730

Priority

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Abstract (en)

[origin: EP2149677A1] The arrangement (10) has a retaining screw (20) in which a blade base (28) of a rotor blade (12) is inserted. A clamping device (34) is provided between a screw base (32) and a lower side (30) of the blade base. The clamping device has a tension rod (36) that includes a thread, where the rod extends parallel to an extension of the screw. An anti-twist thrust bearing (38) is provided at an end (40) of the rod and screwed on the thread. Another inserted thrust bearing (44) is provided at another end (42) of the rod. A shaft-shaped dowel (46) is provided between the thrust bearings.

IPC 8 full level

F01D 5/30 (2006.01); **F01D 5/26** (2006.01)

CPC (source: EP)

F01D 5/26 (2013.01); **F01D 5/323** (2013.01)

Cited by

CN112943685A; DE102010015404A1; DE102010015404B4; CN113931701A; US8899919B2; US9739160B2; WO2015057424A1; WO2021008815A1

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