

Title (en)

Turbine blade root

Title (de)

Schaufelfuss für Turbinenschaufel

Title (fr)

Pied d'aube de turbine

Publication

**EP 1724442 A1 20061122 (DE)**

Application

**EP 05010793 A 20050518**

Priority

EP 05010793 A 20050518

Abstract (en)

The blade (1) root (3) includes a recess (9) with an opening (10) having a closed edge lying in the partition surface (5). The root is T-shaped or double-T-shaped. It can be assembled into a shaft groove. The depth of the recess extends to the center of the root. The root has two opposite partition surfaces (5) with recesses constructed in them, leaving an internal wall. The closed edge of a recess is essentially rectangular with height A and width B. The closed edge is alternatively generally-circular.

IPC 8 full level

**F01D 5/32** (2006.01)

CPC (source: EP)

**F01D 5/303** (2013.01); **F05D 2240/30** (2013.01)

Citation (search report)

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- [X] US 3203666 A 19650831 - HARRISON WEST
- [X] FR 896520 A 19450223 - SULZER AG
- [X] FR 998679 A 19520122 - RATEAU SOC
- [X] US 3873234 A 19750325 - PENNY ROBERT NOEL
- [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)

Cited by

FR3100835A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1724442 A1 20061122**

DOCDB simple family (application)

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