

Title (en)

Lightweight inter-blade platform for a blade support disk of a turbo engine

Title (de)

Leichte Zwischenschaufelplattform für eine Schaufelstützscheibe eines Turbotriebwerkes

Title (fr)

Plate-forme inter-aubes allégée, pour un disque de support d'aubes de turboréacteur

Publication

**EP 1503040 B1 20070214 (FR)**

Application

**EP 04291888 A 20040723**

Priority

FR 0309452 A 20030731

Abstract (en)

[origin: EP1503040A1] The platform has a deflecting part (4) with a lower surface (5) provided with a fixation strap (6). The strap has an opening (7) for the passage of a fixation pin (8). A fixation strap (9) has two openings (10, 11) for the passage of respective fixation pins (12, 13). The fixation pins integrate the straps to a support disc (1) between two adjacent blades (2). An independent claim is also included for a blade support disc.

IPC 8 full level

**F01D 5/30** (2006.01); **F01D 1/02** (2006.01); **F01D 5/02** (2006.01); **F01D 9/02** (2006.01); **F01D 11/00** (2006.01); **F02C 3/04** (2006.01); **F02C 7/00** (2006.01); **F02C 7/04** (2006.01); **F03B 1/04** (2006.01); **F04D 29/32** (2006.01); **F04D 29/34** (2006.01)

CPC (source: EP US)

**F01D 11/008** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

Cited by

FR2926613A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**EP 1503040 A1 20050202**; **EP 1503040 B1 20070214**; CA 2475145 A1 20050131; CA 2475145 C 20120828; DE 602004004700 D1 20070329; DE 602004004700 T2 20071122; ES 2277662 T3 20070716; FR 2858370 A1 20050204; FR 2858370 B1 20050930; JP 2005054785 A 20050303; JP 4216782 B2 20090128; RU 2004123584 A 20060127; RU 2343292 C2 20090110; UA 77742 C2 20070115; US 2005276692 A1 20051215; US 7163375 B2 20070116

DOCDB simple family (application)

**EP 04291888 A 20040723**; CA 2475145 A 20040723; DE 602004004700 T 20040723; ES 04291888 T 20040723; FR 0309452 A 20030731; JP 2004221231 A 20040729; RU 2004123584 A 20040730; UA 20040706363 A 20040730; US 89327204 A 20040719