

Title (en)
Fan rotor

Title (de)
Gebläserotor

Title (fr)
Rotor de soufflante

Publication
EP 2009245 A1 20081231 (FR)

Application
EP 08159121 A 20080626

Priority
FR 0756015 A 20070626

Abstract (en)
The fan rotor has slots (13) formed in periphery of a disc (15), to receive root (21) of blade (20) attached to the rotor, and elongated spacer (11) of elastically deformable material arranged between blade root and bottom (13a) of slot. The spacer has longitudinal segments (17b) having a transverse profile of arcuate shape to form lateral zones (25a,25b) that contact corresponding lateral zones (26a,26b) of the blade root. The spacer segment has central zone (29) spaced apart from corresponding central zone (30) of the bottom of the slot.

Abstract (fr)
Calage des aubes rattachées au disque d'un rotor muni d'alvéoles. Selon l'invention, chaque cale (11) est en matériau élastiquement déformable et au moins un tronçon longitudinal (17b) de cette cale a un profil transversal en forme d'arc pour définir deux zones de contact latérales (25a, 25b).

IPC 8 full level
F01D 5/30 (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)
F01D 5/303 (2013.01 - US); **F01D 5/3092** (2013.01 - EP US); **F04D 29/322** (2013.01 - EP US); **F04D 29/666** (2013.01 - EP US);
F04D 29/668 (2013.01 - EP US)

Citation (applicant)
FR 2841609 A1 20040102 - SNECMA MOTEURS [FR]

Citation (search report)
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• [A] EP 0699824 A1 19960306 - MTU MUENCHEN GMBH [DE]
• [A] EP 1693551 A1 20060823 - SNECMA [FR]
• [AD] FR 2841609 A1 20040102 - SNECMA MOTEURS [FR]

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WO2022079360A1; WO2013026735A1; US9470099B2; US9708919B2; WO2021074554A1

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DE FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2009245 A1 20081231; EP 2009245 B1 20171004; EP 2009245 B2 20201216; CA 2634942 A1 20081226; CA 2634942 C 20151201;
FR 2918129 A1 20090102; FR 2918129 B1 20091030; JP 2009008079 A 20090115; JP 5496476 B2 20140521; RU 2008125805 A 20091227;
RU 2479724 C2 20130420; US 2009004017 A1 20090101; US 2013259695 A1 20131003; US 8529209 B2 20130910; US 8845294 B2 20140930

DOCDB simple family (application)
EP 08159121 A 20080626; CA 2634942 A 20080625; FR 0756015 A 20070626; JP 2008165440 A 20080625; RU 2008125805 A 20080624;
US 14497408 A 20080624; US 201313902077 A 20130524