

Title (en)

Movable fan blade having a cutting edge at the tip.

Title (de)

Bewegbare Gebläseschaufel mit einer Schneidkante am Ende.

Title (fr)

Aube mobile de soufflante comportant une dépouille en extrémité.

Publication

EP 0291407 A1 19881117 (FR)

Application

EP 88401144 A 19880511

Priority

FR 8706671 A 19870513

Abstract (en)

[origin: EP0291407B1] 1. Rotor blade for the fan of a turbojet engine characterised in that the face of the radially outer tip (11) of the areofoil (10) of the blade (14) is profiled to conform to a radius centred on a point R situated, on the one hand, ahead of the radial axis X'X of the said blade (14) in its position fitted to the fan, that is to say, in an offset position to the pressure face side (12) of the blade (14) in relation to the axis X'X and, on the other hand, beyond the axis of the engine M'M in relation to the said blade (14).

IPC 1-7

F01D 5/20

IPC 8 full level

F01D 5/20 (2006.01)

CPC (source: EP US)

F01D 5/20 (2013.01 - EP US)

Citation (search report)

- [YD] FR 2459363 A1 19810109 - GEN ELECTRIC [US]
- [Y] DE 560589 C 19321004 - PAUL LEISTRITZ, et al
- [A] FR 349641 A 19050607 - DAMPF TURBINEN SYSTEM BROWN BO [CH]

Cited by

EP2309097A1; FR2711181A1; EP1452697A3; EP1953344A1; EP1930547A3; EP2604798A1; FR2962762A1; US8657570B2; US8662834B2; US8366400B2; US10669866B2; WO2011002570A1; WO2014096838A1

Designated contracting state (EPC)

DE FR GB

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