

Title (en)

AXIALLY TRAVERSED ROW OF ROTOR BLADES FOR COMPRESSORS OR TURBINES

Publication

**EP 0321825 A3 19890830 (DE)**

Application

**EP 88120768 A 19881213**

Priority

DE 3743253 A 19871219

Abstract (en)

[origin: EP0321825A2] In this case, the rotor blades are intended to be arranged with their feet in axial slots of a rotor disc and intermediate spaces, extending in the axial and circumferential direction, are constructed between the foot plates of the blades and the rotor disc surface; between sections of the blades and the rotor disc it is intended to construct component covers on the intermediate spaces, with which the blades are fixed axially in one direction on the rotor disc; in this case, component covers may be constructed from geometrically intersecting outline or loop contours of the blade feet and outline or spatial contours of the rotor disc.

IPC 1-7

**F01D 5/30**; **F01D 11/00**

IPC 8 full level

**F01D 5/30** (2006.01); **F01D 11/00** (2006.01); **F04D 29/34** (2006.01)

CPC (source: EP US)

**F01D 5/3007** (2013.01 - EP US); **F01D 5/326** (2013.01 - EP US); **F01D 11/006** (2013.01 - EP US)

Citation (search report)

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- [A] GB 2042652 A 19800924 - ROLLS ROYCE
- [A] GB 802871 A 19581015 - HENSCHEL & SOHN GMBH
- [A] US 2972470 A 19610221 - MCCORMICK HAMILTON L
- [A] PATENT ABSTRACTS OF JAPAN, Band 9, Nr. 100 (M-376)[1823], 2. Mai 1985; & JP-A-59 226 202 (TOSHIBA K.K.) 19-12-1984
- [A] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 89 (M-132)[967], 27. Mai 1982; & JP-A-57 26 209 (HITACHI SEISAKUSHO K.K.) 12-02-1982

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**EP 0321825 A2 19890628**; **EP 0321825 A3 19890830**; **EP 0321825 B1 19921216**; DE 3743253 A1 19890629; DE 3743253 C2 19910425; DE 3876768 D1 19930128; ES 2036662 T3 19930601; JP 3120849 B2 20001225; JP H01193005 A 19890803; US 4940389 A 19900710

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