

Title (en)
Impellers and diffusers for fans and compressors

Title (de)
Lauf- und Leiträder für Verdichter und Ventilatoren

Title (fr)
Roues et diffuseurs pour ventilateurs et compresseurs

Publication
EP 1447568 A3 20051026 (DE)

Application
EP 04000093 A 20040107

Priority
DE 10302773 A 20030117

Abstract (en)
[origin: US2004184914A1] Impeller and stator for use in a fluid machine and consisting, for reducing flow noise and for improving the stability of the characteristic curve between the flow input and output cross-sections, of a solid material matrix with a plurality of flow channels for deflecting the flow and increasing the pressure.

IPC 1-7
F04D 29/02

IPC 8 full level
F04D 29/30 (2006.01); **F04D 29/38** (2006.01); **F04D 29/54** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP US)
F04D 29/30 (2013.01 - EP US); **F04D 29/38** (2013.01 - EP US); **F04D 29/54** (2013.01 - EP US)

Citation (search report)

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- [DA] DE 174180 A
- [DA] CH 409225 A 19660315 - JUNKER & RUH AG [DE]
- [DA] GB 2065773 A 19810701 - ROLLS ROYCE
- [XA] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 07 3 July 2002 (2002-07-03)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 016, no. 026 (M - 1202) 22 January 1992 (1992-01-22)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11 6 November 2002 (2002-11-06)

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