

Title (en)

Volute for motor-driven fans.

Title (de)

Spirale für einen motorangetriebenen Lüfter.

Title (fr)

Volute pour ventilateur entraîné par un moteur.

Publication

**EP 0403007 A1 19901219 (EN)**

Application

**EP 90201492 A 19900609**

Priority

IT 2122989 U 19890613

Abstract (en)

The present invention relates to a volute (1) for motor-driven fans, which volute comprises a first side panel (2) and a second side panel (3), a curved band (4) interposed between said side panels and an impeller (5). The side panels (2, 3) are specularly identical to each other and are united with the curved band (4) by means of a respective forced joint; said side panels are provided with openings (6, 7), whose diameter is shorter than the outer diameter of the impeller (5).

IPC 1-7

**F04D 29/42**; **F04D 29/62**

IPC 8 full level

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CPC (source: EP)

**F04D 29/424** (2013.01); **F04D 29/626** (2013.01)

Citation (search report)

- [A] EP 0289735 A2 19881109 - FISCHBACH GMBH & CO KG [DE]
- [A] US 1609545 A 19261207
- [A] US 3653116 A 19720404 - LOV WILLIAM L, et al
- [A] FR 2105109 A7 19720428 - TORIN CORP
- [A] US 3743439 A 19730703 - CANN P

Cited by

US5221183A; EP1388669A1

Designated contracting state (EPC)

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**EP 0403007 A1 19901219**; IT 216657 Z2 19910917; IT 8921229 V0 19890613

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