

Title (en)

Power-driven centrifugal air blower.

Title (de)

Motorgetriebenes Zentrifugalgebläse für Luft.

Title (fr)

Ventilateur centrifuge pour l'air entraîné par un moteur.

Publication

EP 0023784 A1 19810211 (EN)

Application

EP 80302408 A 19800717

Priority

GB 7927068 A 19790803

Abstract (en)

A power-driven centrifugal air blower whose rotary impeller (15) takes the form of a generally cylindrical brush. The brush is comprised of a relatively dense mass of bristles each of which extends substantially radially from a central hub. The bristles thus replace the multiple individual blades of the impeller used in a conventional power driven centrifugal air blower. Preferably they are sufficiently relatively spaced apart from one another, and made of suitably non-electro-static material, that essentially no filtration of the indrawn air takes place as the air passes through the impeller.

IPC 1-7

F04D 17/16; **F04D 29/28**; **F04D 29/30**; **F04D 23/00**

IPC 8 full level

F04D 17/00 (2006.01); **F04D 17/16** (2006.01); **F04D 23/00** (2006.01); **F04D 29/28** (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP KR)

F04B 17/02 (2013.01 - KR); **F04D 17/167** (2013.01 - EP); **F04D 23/001** (2013.01 - EP)

Citation (search report)

- US 3692421 A 19720919 - DWORSKI MICHAEL
- US 2856117 A 19581014 - PETER SCHLUMBOHM
- US 2509376 A 19500530 - ALLEN TRASK

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GB2374119A; EP0176287A1; US4902196A; EP3014382A4; WO9104418A1

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DOCDB simple family (application)

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