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)
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  AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)
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DOCDB simple family (application)
  EP 80302408 A 19800717; AT 80302408 T 19800717; AU 6070680 A 19800723; CA 357562 A 19800804; DE 3067747 T 19800717; DK 333180 A 19800801; GB 7927068 A 19790803; JP 10491580 A 19800730; KR 800003079 A 19800802