

Title (en)
Side channel blower

Title (de)
Seitenkanalverdichter

Title (fr)
Ventilateur à canal latéral

Publication
EP 1624191 A1 20060208 (EN)

Application
EP 04425593 A 20040802

Priority
EP 04425593 A 20040802

Abstract (en)
The invention concerns a blower wherein a rotor (6) with peripheral blades (12) compresses air coming from a suction channel (29) and send it to a delivery channel (30); in each channel there is a tubular manifold (27, 28) to be connected thereto on one side and on the opposite side to another manifold. In such a manner there can be obtained blowers with several compression stages with a high efficiency.

IPC 8 full level
F04D 23/00 (2006.01)

CPC (source: EP)
F04D 17/125 (2013.01); **F04D 23/008** (2013.01)

Citation (search report)

- [XA] US 6394748 B1 20020528 - RIETSCHLE WERNER [DE], et al
- [XA] US 3963371 A 19760615 - SIEGHARTNER LEONARD J
- [A] US 4204800 A 19800527 - BENTELE BENEDIKT [DE], et al
- [A] US 5011369 A 19910430 - MINE KOICHI [JP], et al
- [A] US 5718561 A 19980217 - FISCHER PETER [DE]
- [A] US 1875419 A 19320906

Cited by
US12025146B2; WO2008119769A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1624191 A1 20060208; EP 1624191 B1 20070103; AT E350582 T1 20070115; DE 602004004102 D1 20070215;
DE 602004004102 T2 20070712

DOCDB simple family (application)
EP 04425593 A 20040802; AT 04425593 T 20040802; DE 602004004102 T 20040802