

Title (en)  
Fan unit

Title (de)  
Lüftermodul

Title (fr)  
Unité ventilateur

Publication  
**EP 1201930 A3 20030709 (DE)**

Application  
**EP 01124802 A 20011017**

Priority  
DE 10052708 A 20001024

Abstract (en)  
[origin: EP1201930A2] The fan module has a fixed fan element (1) and a rotatably mounted movable fan element (2) that is partly enclosed by the fixed element and that produces an air flow when turned by an electric motor. Contact surfaces (5) are arranged in an outer lateral surface (4) of the fixed fan element to feed an operating voltage for the electric motor. Independent claims are also included for the following: a fan housing.

IPC 1-7  
**F04D 25/08**; **F04D 29/60**; **F04D 25/16**; **H05K 7/20**

IPC 8 full level  
**F04D 25/08** (2006.01)

CPC (source: EP US)  
**F04D 25/0613** (2013.01 - EP US); **F04D 25/0693** (2013.01 - EP US); **F04D 29/601** (2013.01 - EP US)

Citation (search report)  
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• [A] US 6115250 A 20000905 - SCHMITT TY [US]  
• [A] US 4834615 A 19890530 - MAUCH RICHARD [DE], et al  
• [XY] "PLUGGABLE FAN ASSEMBLY", IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 32, no. 3A, 1 August 1989 (1989-08-01), pages 342 - 343, XP000049444, ISSN: 0018-8689

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GB2385995B; DE102004004598B3; CN108471700A; US6947281B2; WO2020191944A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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**EP 1201930 A2 20020502**; **EP 1201930 A3 20030709**; **EP 1201930 B1 20060809**; AT E335930 T1 20060915; DE 10052708 A1 20020725; DE 10052708 B4 20050210; US 2002094283 A1 20020718

DOCDB simple family (application)  
**EP 01124802 A 20011017**; AT 01124802 T 20011017; DE 10052708 A 20001024; US 97616001 A 20011015