

Title (en)
Improved ventilation system.

Title (de)
Verbesserte Lüftungsanlage.

Title (fr)
Système de ventilation perfectionné.

Publication
EP 0448443 B1 19940817 (FR)

Application
EP 91400667 A 19910311

Priority
FR 9003463 A 19900319

Abstract (en)
[origin: EP0448443A1] The invention concerns a ventilation system comprising a ventilation unit (2) fitted with a fan (3) having a motor (5) and connected to a protective casing (6), and means of connection (20) between the casing and a support (19) in which an orifice (18) is formed. According to the invention the said connecting means comprise wedging means (20) cooperating with the said support in a force fitting of the casing (6) through the orifice (18) of this support whose transverse dimensions (l2) substantially correspond to the dimensions (l1) of the said casing, in such a way that, at the end of the force fitting, a locking of the casing to the support (19) is ensured. The casing can be covered with a protective plate (15) provided with a grid (16) having a filtering element. This system can be used in packages for electronic components.

IPC 1-7
F04D 25/12; F04D 29/60

IPC 8 full level
F04D 25/12 (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)
F04D 25/12 (2013.01); **F04D 29/602** (2013.01)

Citation (examination)
IBM Technical Disclosure Bulletin, vol. 32, no. 3A, August 1989, Armonk NY, US, "Pluggable fan assembly"

Cited by
CN105402146A

Designated contracting state (EPC)
AT DE GB SE

DOCDB simple family (publication)
EP 0448443 A1 19910925; EP 0448443 B1 19940817; AT E110144 T1 19940915; DE 69103452 D1 19940922; DE 69103452 T2 19950119;
FR 2659697 A1 19910920; FR 2659697 B1 19940930

DOCDB simple family (application)
EP 91400667 A 19910311; AT 91400667 T 19910311; DE 69103452 T 19910311; FR 9003463 A 19900319