

Title (en)  
Ventilation apparatus

Title (de)  
Lüftungsvorrichtung

Title (fr)  
Dispositif de ventilation

Publication  
**EP 1460273 A1 20040922 (EN)**

Application  
**EP 03425164 A 20030317**

Priority  
EP 03425164 A 20030317

Abstract (en)  
A ventilation apparatus (4) possesses a shaft (8) connected to a motor (7) and to a fan (6) in such a way as to rotate in a predetermined direction of rotation (S) in order to generate a fluid flow. The apparatus (4) also possesses an engagement and disengagement device (26) that allows the shaft to turn freely in the predetermined direction of rotation (S) and prevents contrarotation of the shaft in the opposite direction to the predetermined direction of rotation (S). The apparatus is lightweight and compact. Furthermore, the apparatus engages and disengages itself completely automatically, with no external intervention to activate or deactivate it. <IMAGE>

IPC 1-7  
**F04D 25/08**; **F04D 27/02**

IPC 8 full level  
**F04D 27/02** (2006.01)

CPC (source: EP)  
**F04D 27/008** (2013.01)

Citation (search report)  
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