

Title (en)  
Ventilator

Title (de)  
Gebläse

Title (fr)  
Ventilateur

Publication  
**EP 1589229 B1 20090520 (DE)**

Application  
**EP 05006644 A 20050324**

Priority  
DE 102004019868 A 20040423

Abstract (en)  
[origin: EP1589229A1] Fan comprises a housing (12), a conveying channel (14) formed in the housing and open on an axial side (16), a conveying wheel (18) rotating about an axis of rotation, an inlet region (26) for introducing air into the conveying channel, and an obstructing region (36) in which the conveying channel is obstructed. Preferred Features: The peripheral end region (42) of the obstructing region has a curved contour. An inlet opening is formed in the inlet region. A radial inner end region (30) of the inlet opening lies in or close to a radial inner end region of the conveying channel.

IPC 8 full level  
**F04D 29/16** (2006.01); **F04D 23/00** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)  
**F04D 23/008** (2013.01); **F04D 29/161** (2013.01)

Cited by  
CN110397627A

Designated contracting state (EPC)  
CZ DE PL SE

DOCDB simple family (publication)  
**EP 1589229 A1 20051026; EP 1589229 B1 20090520**; DE 102004019868 A1 20051124; DE 502005007301 D1 20090702

DOCDB simple family (application)  
**EP 05006644 A 20050324**; DE 102004019868 A 20040423; DE 502005007301 T 20050324