

Title (en)  
TRANSVERSE-FLOW FAN

Publication  
**EP 0166158 B1 19890308 (DE)**

Application  
**EP 85105934 A 19850514**

Priority  
DE 3418160 A 19840516

Abstract (en)  
[origin: US4712976A] In a tangential blower, the vortex former is provided on the suction (intake) side with a sharp-edged interfering body at least extending over one-half of its length. The interfering body reduces siren like noise which would otherwise be produced.

IPC 1-7  
**F04D 17/04**

IPC 8 full level  
**F04D 17/04** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)  
**F04D 17/04** (2013.01 - EP US); **F04D 29/422** (2013.01 - EP US); **Y10S 415/914** (2013.01 - EP US)

Cited by  
DE10038753B4

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**DE 3418160 A1 19851128**; DE 3568613 D1 19890413; EP 0166158 A1 19860102; EP 0166158 B1 19890308; JP H0448959 B2 19920810; JP S60256594 A 19851218; US 4712976 A 19871215

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**DE 3418160 A 19840516**; DE 3568613 T 19850514; EP 85105934 A 19850514; JP 10362485 A 19850515; US 73434585 A 19850514