

Title (en)

Fan

Title (de)

Ventilator

Title (fr)

Ventilateur

Publication

**EP 1081388 B1 20050601 (DE)**

Application

**EP 99117074 A 19990831**

Priority

EP 99117074 A 19990831

Abstract (en)

[origin: EP1081388A1] The fan (1) has a rotor wheel (6) with several fan blades (8) and a blocking device (12) between the suction and pressure sides in the form of a strip-shaped brush (14) with several brush sections (15,16) at intervals. The rotor wheel forms a cross-flow fan rotor wheel with the brush sections at intervals in the direction of rotation (11).

IPC 1-7

**F04D 29/16**; **F04D 29/42**

IPC 8 full level

**F04D 29/08** (2006.01); **F04D 29/16** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP US)

**F04D 17/04** (2013.01 - EP US); **F04D 29/162** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US); **F04D 29/422** (2013.01 - EP US)

Cited by

US10704561B2; EP3239533A1; WO2016202974A1

Designated contracting state (EPC)

DE FR GB IE IT

DOCDB simple family (publication)

**EP 1081388 A1 20010307**; **EP 1081388 B1 20050601**; DE 59912116 D1 20050707; JP 2001082395 A 20010327; US 6290456 B1 20010918

DOCDB simple family (application)

**EP 99117074 A 19990831**; DE 59912116 T 19990831; JP 2000004399 A 20000113; US 49141200 A 20000126