

Title (en)

Fan and fan blade

Title (de)

Ventilator und Ventilatorflügel

Title (fr)

Ventilateur et aube de ventilateur

Publication

EP 1801422 B1 20130612 (DE)

Application

EP 06003819 A 20060224

Priority

- EP 05028264 A 20051222
- EP 06003819 A 20060224

Abstract (en)

[origin: EP1801422A2] The fan blade (1) has a leading edge (2) which is curved in an S shape in the plane of the fan blade, and an outside edge (4) which is shorter than the leading edge. The center point (M) of the outside edge is located near to the radial line (x) of the fan blade. The leading edge may be at least partially fringed. An independent claim is included for a fan.

IPC 8 full level

F04D 29/32 (2006.01); **F04D 29/38** (2006.01); **F04D 29/68** (2006.01)

CPC (source: EP US)

F04D 29/325 (2013.01 - US); **F04D 29/384** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F05D 2240/304** (2013.01 - EP)

Citation (examination)

DE 19948075 A1 20000525 - GATE SPA [IT]

Cited by

DE102009035689A1; EP3450717A1; CN109424582A; US11746796B1; EP4283135A1; US10697467B2; DE102022113141A1; WO2009054815A1; WO2013131641A3; DE102022113142A1; DE102021105225A1; DE102021105226A1; WO2021180559A1; WO2021180560A1; EP4083433A1; EP4083432A1

Designated contracting state (EPC)

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EP 1801422 A2 20070627; **EP 1801422 A3 20091014**; **EP 1801422 B1 20130612**; US 2007201982 A1 20070830

DOCDB simple family (application)

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