

Title (en)
Impeller of fan

Title (de)
Lüfterrad

Title (fr)
Roue de ventilateur

Publication
EP 0955469 B1 20041020 (EN)

Application
EP 99106357 A 19990329

Priority
JP 10234498 A 19980414

Abstract (en)
[origin: EP0955469A2] An impeller of a fan includes hub (3) mounted with plural blades (2). The fan blows air by spinning the blades. A revolution locus of a leading edge (6) of blade (2) shows a valley in a portion between around a center and tip (8) of blade (2), and shows a peak in a portion between around the center and hub (3), with regard to windward. A cross sectional view of blade (2) in a radial direction shows a valley in a portion between around a center and tip (8), and shows a peak in a portion between around the center of blade (2) and hub (3). This structure realizes to lower the noise level and to increase the static pressure. <IMAGE>

IPC 1-7
F04D 29/38

IPC 8 full level
F04D 29/38 (2006.01)

CPC (source: EP)
F04D 29/384 (2013.01)

Cited by
EP1422425A3; EP1239237A3; AU2002217482B2; EP1382856A4; FR2991012A1; US10428837B2; US9745988B2; US11371529B2; US6779978B2; WO2013174729A1; WO2017085134A3; WO0192726A1; US9745996B2; US9797414B2; US11795975B2; US10221860B2; US9732763B2; US10309420B2; US10006657B2

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DOCDB simple family (application)
EP 99106357 A 19990329; CN 99105133 A 19990413; ES 99106357 T 19990329; JP 10234498 A 19980414; MY PI9901194 A 19990327