

Title (en)
Axial fan

Title (de)
Axialventilator

Title (fr)
Ventilateur axial

Publication
EP 0413987 B1 19961227 (DE)

Application
EP 90114295 A 19900726

Priority
DE 3927791 A 19890823

Abstract (en)
[origin: EP0413987A2] Axial fan which contains an impeller (6) provided with rotor blades (14), which impeller is arranged in a flow duct (4) enclosed by a wall (1). In or on the wall (1) in the area of the blade tips (15) at least one opening is provided which is equipped on the duct side with a cover (21) having through holes (22). <IMAGE>

IPC 1-7
F04D 29/66; **F04D 29/52**

IPC 8 full level
F04D 27/02 (2006.01); **F04D 29/52** (2006.01); **F04D 29/54** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 19/002 (2013.01); **F04D 29/526** (2013.01); **F04D 29/547** (2013.01); **F04D 29/664** (2013.01); **F04D 29/665** (2013.01)

Citation (examination)
"Ventilatoren", B. ECK, 4. Auflage, 1962, Springer-Verlag Berlin, Göttingen, Heidelberg, "Schallabsorption durch Resonatoren". Seite 490

Cited by
DE102004014876A1; DE102004014876B4

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

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EP 0413987 A2 19910227; **EP 0413987 A3 19910925**; **EP 0413987 B1 19961227**; AT E146855 T1 19970115; DD 297208 A5 19920102; DE 3927791 A1 19910228; DE 59010616 D1 19970206; DK 0413987 T3 19970609; ES 2095226 T3 19970216

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