

Title (en)
Radial fan

Title (de)
Radiallüfter

Title (fr)
Roue ventilateur radial

Publication
EP 0828082 B1 20021009 (DE)

Application
EP 97110008 A 19970619

Priority
DE 29615144 U 19960830

Abstract (en)
[origin: EP0828082A1] The radial fan has a vane wheel with a crown of radial scoops round its turning axis. The scoops can have U-shaped balancing elements clamped to their ends. The scoops (16) have at least one groove (32) in which the balancing elements can fit. The groove may run parallel to the adjacent edge of the scoop. The scoop edges may point towards the turning axis of the vane wheel. The scoops may have two grooves, parallel to each other, in which case one is in the leading surface (34) of the scoop and the other is in its trailing surface (36).

IPC 1-7
F04D 29/66; F04D 29/30

IPC 8 full level
F04D 29/30 (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 29/282 (2013.01); **F04D 29/30** (2013.01); **F04D 29/662** (2013.01)

Cited by
WO2006136585A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 29615144 U1 19980102; DE 59708426 D1 20021114; EP 0828082 A1 19980311; EP 0828082 B1 20021009; ES 2184926 T3 20030416

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DE 29615144 U 19960830; DE 59708426 T 19970619; EP 97110008 A 19970619; ES 97110008 T 19970619