

Title (en)
A fan with convex blades

Title (de)
Lüfter mit konvexen Schaufeln

Title (fr)
Ventilateur avec pales convexes

Publication
EP 0553598 B2 19981125 (EN)

Application
EP 92830038 A 19920130

Priority
EP 92830038 A 19920130

Abstract (en)
[origin: EP0553598A1] The fan is of the type generating an axial flow, and is equipped with convex or backwards-curved blades (2), curving in the opposite direction to the rotation direction of the fan, and has a constant maximum transversal dimension along its entire longitudinal development: the said fan blades (2) have their anterior or entry edges (5) and posterior or exit edges (6), with respect to the the rotation direction of the fan, defined by two circumference arcs when observed parallel to the rotation axis. <IMAGE>

IPC 1-7
F04D 29/38; **F04D 29/32**

IPC 8 full level
F04D 29/32 (2006.01); **F04D 29/38** (2006.01)

CPC (source: EP)
F04D 29/325 (2013.01); **F04D 29/38** (2013.01)

Cited by
CN100441881C; FR2781843A1; FR2723408A1; CN1061417C; US6558123B1; US6554574B1; US6350104B1; US7422420B2; WO2006006043A1; WO0006913A1; EP0945627A1

Designated contracting state (EPC)
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EP 0553598 A1 19930804; **EP 0553598 B1 19960327**; **EP 0553598 B2 19981125**; DE 69209484 D1 19960502; DE 69209484 T2 19960905; DE 69209484 T3 19990401; ES 2087501 T3 19960716; ES 2087501 T5 19990416

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