

Title (en)

SCYTHE-SHAPED IMPELLER BLADE, AND ITS USE, ESPECIALLY IN MOTOR VEHICLE VENTILATORS

Publication

**EP 0298861 B1 19910515 (FR)**

Application

**EP 88401755 A 19880705**

Priority

FR 8709773 A 19870709

Abstract (en)

[origin: US4871298A] The blade (10) for a propeller constituted by a hub (20) to which the feet (12) are fixed has a leading edge (14) and a trailing edge (15) which is formed by two arcs (152, 153) having respective mean radii of curvature (  $\rho_2$ ,  $\rho_3$ ) which are different and interconnected without an angular point. These edges are both curved in the downstream direction and define a blade which narrows from the axis to the periphery of the propeller. Application in propellers of motorized fans associated with automobile vehicles.

IPC 1-7

**F04D 29/38**

IPC 8 full level

**F01P 5/02** (2006.01); **F04D 29/38** (2006.01)

CPC (source: EP KR US)

**F04D 29/32** (2013.01 - KR); **F04D 29/384** (2013.01 - EP US)

Citation (examination)

EP 0294688 A1 19881214 - MAGNETI MARELLI SPA [IT]

Cited by

EP0536662A1; US5695318A

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

**EP 0298861 A1 19890111**; **EP 0298861 B1 19910515**; CA 1327553 C 19940308; DE 3862816 D1 19910620; ES 2022999 B3 19911216; FR 2617904 A1 19890113; FR 2617904 B1 19920522; JP H0227199 A 19900129; KR 890002559 A 19890410; US 4871298 A 19891003

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**EP 88401755 A 19880705**; CA 571565 A 19880708; DE 3862816 T 19880705; ES 88401755 T 19880705; FR 8709773 A 19870709; JP 17170288 A 19880709; KR 880008507 A 19880708; US 21646188 A 19880708