

Title (en)

Shrouding for a fan and its application in an automobile engine fan

Title (de)

Lüfterzarge und Anwendung in einem Kraftfahrzeugmotorkühler

Title (fr)

Carénage perfectionné pour ventilateur et son application à un groupe motoventilateur d'automobile

Publication

EP 0543694 B1 19960904 (FR)

Application

EP 92402962 A 19921102

Priority

FR 9113755 A 19911107

Abstract (en)

[origin: EP0543694A1] The fairing, comprising inter alia a fixed part made of a diffuser which has a fixing base (11), a funnel nozzle (12), a connection zone (13), a cylindrical skirt (14) and a movable part capable of rotating about an axis (200) which has a peripheral shaped annular hoop (21) which is intended to be fastened securely to tips of blades of a fan which is mounted coaxially in this skirt (14) so as to be able to rotate therein characterised in that, taking as references the direction of flow and the axis (200), this hoop (21) is delimited by an inner wall (2101) an outer wall (2102) and a rear section (2103), this connection zone (13) is delimited particularly by an inner surface (131) with an upstream end (1310), and in that this rear section (2103) of the hoop (21) is located in a plane (P) which is perpendicular to the axis (200) and which passes practically through the upstream end (1310) of the inner surface (131) of the connection zone (13). <IMAGE>

IPC 1-7

F04D 19/00; **F04D 29/54**

IPC 8 full level

F04D 19/00 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP US)

F04D 19/002 (2013.01 - EP US); **F04D 29/326** (2013.01 - EP); **F04D 29/545** (2013.01 - EP US); **Y10S 415/914** (2013.01 - EP US)

Cited by

FR2728028A1; EP0645543A1; FR2998223A1; EP0703367A3; WO2010081813A1

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