

Title (en)
Front and rear grilles of a fan

Title (de)
Vorderes und hinteres Gitter eines Ventilators

Title (fr)
Grilles anterieure et posterieure de ventilateur

Publication
EP 2123917 A2 20091125 (FR)

Application
EP 09356036 A 20090515

Priority
BR PI0801984 A 20080519

Abstract (en)
The anterior and posterior grilles have a center (2) and a blade group that extends from the center to a ring (6), where the center of the anterior grille (1) includes a convex internal surface with ribs (11). The ribs extend to the internal surface of the center in prolongation of blades (3) of the group. The blades are separated from each other in a region near the center such that the blades are separated from the center. The blades are recessed in the center and on the ring, where the blades include a cross section in the form of an airplane wing.

Abstract (fr)
La présente invention se rapporte aux grilles antérieure (1) et postérieure (16) de ventilateur se complétant pour garantir une protection contre le risque de contact avec une hélice (14) en mouvement, la grille antérieure (1) comportant un centre (2) et une première bande d'ailettes (3) qui s'étendent du centre (2) jusqu'à un premier anneau (6), caractérisées en ce que le centre (2) comprend une surface interne de forme convexe comportant des nervures qui s'étendent à la surface interne du centre (2) de la grille antérieure (1) dans le prolongement de quelques ailettes (3) de la première bande de la grille (1).

IPC 8 full level
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CPC (source: EP)
F04D 29/663 (2013.01); **F04D 29/681** (2013.01); **F04D 29/703** (2013.01)

Citation (applicant)
• EP 0709576 A1 19960501 - XEROX CORP [US]
• US 3995970 A 19761207 - NOBUYUKI YAMAGUCHI

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