

Title (en)
A plate for a fan

Title (de)
Tragplatte für Lüfter

Title (fr)
Plaque portant ventilateur

Publication
EP 1657450 A1 20060517 (EN)

Application
EP 04105739 A 20041112

Priority
EP 04105739 A 20041112

Abstract (en)
A plate (2) for suspension of an impeller (3) with motor (4) of a fan used for transport of air therein with the axis of rotation of the impeller substantially perpendicular to the plate, said plate being adapted to form a part of a housing (5) of a said fan enclosing said impeller with motor and the plate rising towards the location for suspension of the impeller with motor by that located on a higher level than the periphery of the plate, is provided with at least two stiffening indentations (17) extending from positions at the periphery of the plate separated by a substantial distance towards the location for the suspension of the impeller with motor.

IPC 8 full level
F04D 29/42 (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01)

Citation (search report)
• [A] US 4128364 A 19781205 - PAPST GEORG, et al
• [A] US 6509704 B1 20030121 - BROWN FRED A [US]

Citation (examination)
• DE 4218826 A1 19931216 - MAICO ELEKTROAPPARATE [DE]
• DE 19906537 A1 20000831 - BEHR GMBH & CO [DE]
• FR 2271425 A1 19751212 - FIMEC [FR]

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

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