

Title (en)

A composite fan rotor for a tangential fan

Title (de)

Gebläserotor aus Verbundwerkstoff für Tangentialgebläse

Title (fr)

Rotor ventilateur en matériau composite pour ventilateur tangential

Publication

EP 1621775 A2 20060201 (EN)

Application

EP 05106204 A 20050707

Priority

IT TO20040542 A 20040730

Abstract (en)

A fan rotor, in particular for a tangential fan, comprises #####two transverse terminal elements (12), substantially perpendicular to the axis of rotation of the rotor; #####a plurality of longitudinal blades (16) arranged circumferentially about the axis of rotation of the fan rotor, parallel both to each other and to the axis, and which extend longitudinally between the transverse terminal elements (12); and in which #####the transverse terminal elements (12) are made of metal and the blades (16) are moulded of a plastics material and fixed to the periphery of the transverse terminal elements (12).

IPC 8 full level

F04D 29/28 (2006.01); **F04D 29/02** (2006.01)

CPC (source: EP)

F04D 17/04 (2013.01); **F04D 29/023** (2013.01); **F04D 29/283** (2013.01); **F05D 2300/121** (2013.01); **F05D 2300/43** (2013.01)

Cited by

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Designated extension state (EPC)

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