

Title (en)

Rotor and fabricating method thereof

Title (de)

Lauftrad und Verfahren zur Herstellung eines Lauftrads

Title (fr)

Roue à aubes et procédé pour sa fabrication

Publication

EP 1741933 B1 20190306 (DE)

Application

EP 06013819 A 20060704

Priority

DE 102005031472 A 20050704

Abstract (en)

[origin: EP1741933A1] The plastic impeller (1) is for a drum-type radial fan in a vehicle heating and air conditioning system. It has several blades (2). A soft component is injected into or onto the bearing structure of the blades. The bearing structure should be at least three mm thick in the vicinity of the blades. The soft component mat form at least part of the blade profile.

IPC 8 full level

F04D 29/02 (2006.01); **F04D 29/28** (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP)

F04D 29/023 (2013.01); **F04D 29/281** (2013.01); **F04D 29/30** (2013.01); **F05D 2300/43** (2013.01)

Citation (examination)

EP 1035330 A2 20000913 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by

CN109595200A

Designated contracting state (EPC)

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