

Title (en)  
IMPELLER FOR FAN OF A THERMAL SYSTEM OF A MOTOR VEHICLE, FAN AND THERMAL SYSTEM COMPRISING SUCH AN IMPELLER

Title (de)  
LAUFRAD FÜR EINEN LÜFTER EINES WÄRMESYSTEMS EINES KRAFTFAHRZEUGS, LÜFTER UND WÄRMESYSTEM MIT SOLCH EINEM LAUFRAD

Title (fr)  
HÉLICE POUR VENTILATEUR DE SYSTÈME THERMIQUE DE VÉHICULE AUTOMOBILE, VENTILATEUR ET SYSTÈME THERMIQUE COMPRENANT UNE TELLE HÉLICE

Publication  
**EP 3728861 B1 20240522 (FR)**

Application  
**EP 18735305 A 20180629**

Priority  
• FR 1756203 A 20170630  
• EP 2018067663 W 20180629

Abstract (en)  
[origin: WO2019002585A1] The propeller (16) for a fan (14) of a thermal system (10) of a motor vehicle comprises a receiving bowl (22) for receiving a motor (18) of the propeller (16) and at least one blade (34) linked to the receiving bowl (22), the receiving bowl (22) further comprising: - a central member (26) comprising at least one through-opening (30), - a crown (28) extending around the central member (26), the blade (34) extending radially outwards from the crown (28), and - at least one rib (36) arranged on a front face of the crown (28), with reference to a direction of flow of an air flow (F) generated by the propeller (16), extending radially outwards so as to have a curved shape oriented in the opposite direction to a direction of rotation of the propeller (16).

IPC 8 full level  
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CPC (source: EP US)  
**F04D 19/002** (2013.01 - US); **F04D 25/06** (2013.01 - EP US); **F04D 25/082** (2013.01 - EP); **F04D 29/326** (2013.01 - EP); **F04D 29/329** (2013.01 - EP US); **F04D 29/38** (2013.01 - EP); **F04D 29/5806** (2013.01 - EP); **F01P 2005/046** (2013.01 - EP)

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• JP 2013217199 A 20131024 - MITSUBISHI ELECTRIC CORP  
• JP 2004270463 A 20040930 - MITSUBA CORP

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DOCDB simple family (publication)  
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