

Title (en)  
CENTRIFUGAL WHEEL FOR MOTOR-FAN UNIT

Title (de)  
ZENTRIFUGALRAD FÜR MOTORLÜFTEREINHEIT

Title (fr)  
ROUE DE TYPE CENTRIFUGE POUR GROUPE MOTO-VENTILATEUR

Publication  
**EP 3662166 A1 20200610 (FR)**

Application  
**EP 18765947 A 20180727**

Priority  
• FR 1757417 A 20170802  
• FR 2018051945 W 20180727

Abstract (en)  
[origin: WO2019025710A1] A centrifugal wheel (5) for a motor-fan unit intended to be mounted on a heating/ventilation and/or air conditioning system of a motor vehicle, said wheel comprising a hub (15) suitable for being mounted on a drive shaft (9a), a peripheral crown (17) provided with a series of blades (19); said hub (15) and the peripheral crown (17) being linked together, characterised in that the wheel (5) comprises at least one blade (19) of which the angle of attack ( $\beta_1$ ) is between  $67^\circ$  and  $79^\circ$ , and in that the ratio between the internal diameter (D1) and the external diameter (D2) of the wheel (5) is between 75% and 85%.

IPC 8 full level  
**F04D 29/28** (2006.01); **F04D 29/30** (2006.01)

CPC (source: EP)  
**F04D 29/281** (2013.01); **F04D 29/30** (2013.01)

Citation (search report)  
See references of WO 2019025710A1

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
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