

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 (β_1) is between 67° and 79° , 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

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019025710 A1 20190207; EP 3662166 A1 20200610; FR 3069895 A1 20190208; FR 3069895 B1 20210611

DOCDB simple family (application)
FR 2018051945 W 20180727; EP 18765947 A 20180727; FR 1757417 A 20170802