

Title (en)

AIR FLOW REGULATING DEVICE OF A MOTOR VEHICLE

Title (de)

LUFTSTROMREGELVORRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE REGULATION D'UN FLUX D'AIR D'UN VEHICULE AUTOMOBILE

Publication

EP 4139150 A1 20230301 (FR)

Application

EP 21720247 A 20210419

Priority

- FR 2003942 A 20200420
- EP 2021060138 W 20210419

Abstract (en)

[origin: WO2021214001A1] The invention relates to a device (400) for regulating an air flow intended to circulate through a heat exchanger for a motor vehicle, the device comprising at least one shutter (401) capable of moving in an opening and closing direction between a closed position preventing the passage of the air flow and an open position allowing the passage of the air flow (F), the shutter being arranged to wind and unwind around a winding shaft, the device comprising a kinematic assembly (403) for moving the shutter in the closing and opening direction, said kinematic assembly comprising at least one portion (404) of the shutter.

IPC 8 full level

B60K 11/08 (2006.01)

CPC (source: EP US)

B60K 11/085 (2013.01 - EP US); **Y02T 10/88** (2013.01 - EP)

Citation (search report)

See references of WO 2021214001A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3109335 A1 20211022; **FR 3109335 B1 20221230**; CN 115335250 A 20221111; EP 4139150 A1 20230301; US 2023234436 A1 20230727; WO 2021214001 A1 20211028

DOCDB simple family (application)

FR 2003942 A 20200420; CN 202180024076 A 20210419; EP 2021060138 W 20210419; EP 21720247 A 20210419; US 202117918954 A 20210419