

Title (en)

DEVICE FOR DELIVERING COOLANT

Title (de)

VORRICHTUNG ZUM FÖRDERN EINES KÜHLMITTELS

Title (fr)

DISPOSITIF DE DISTRIBUTION DE LIQUIDE DE REFROIDISSEMENT

Publication

**EP 4168657 A1 20230426 (DE)**

Application

**EP 21731085 A 20210602**

Priority

- DE 102020116359 A 20200622
- EP 2021064788 W 20210602

Abstract (en)

[origin: WO2021259606A1] The invention relates, inter alia, to a device (10) for delivering coolant for cooling a drive unit (12). The device (10) has a curved pipe section (28) and a pump (16) having a delivery element (26) and a straight and tubular intake port (24). A flow guiding element (44) is located inside the intake port (24), and/or at least one inflow channel (30) opens into the intake port (24) in a radial direction with respect to the intake port (24), preferably for evening out a flow in the intake port (24).

IPC 8 full level

**F01P 5/10** (2006.01); **F01P 11/04** (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

**F01P 5/10** (2013.01); **F01P 11/04** (2013.01); **F04D 29/4273** (2013.01); **F04D 29/4293** (2013.01); **F04D 29/448** (2013.01)

Citation (search report)

See references of WO 2021259606A1

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)

**DE 102020116359 A1 20211223**; EP 4168657 A1 20230426; WO 2021259606 A1 20211230

DOCDB simple family (application)

**DE 102020116359 A 20200622**; EP 2021064788 W 20210602; EP 21731085 A 20210602