

Title (en)

APPARATUS FOR CONTROLLING THE TEMPERATURE OF A FREEZABLE OPERATING/AUXILIARY MEDIUM

Title (de)

VORRICHTUNG ZUM TEMPERIEREN EINES GEFRIERFÄHIGEN BETRIEBS-/HILFSSTOFFES

Title (fr)

DISPOSITIF POUR ÉQUILIBRER LA TEMPÉRATURE D'UN CARBURANT/PRODUIT AUXILIAIRE EN MESURE DE SE FIGER

Publication

**EP 3737841 A1 20201118 (DE)**

Application

**EP 18815968 A 20181130**

Priority

- DE 102018200317 A 20180111
- EP 2018083096 W 20181130

Abstract (en)

[origin: WO2019137690A1] The invention relates to an apparatus for controlling the temperature of a freezable operating/auxiliary medium (12) which is stored in a reservoir (10) and is used for exhaust gas aftertreatment in compression ignition engines. An overmolding (22) on a heating element (56) forms a wall (50) of an intake duct (28) within a covering area (58).

IPC 8 full level

**F01N 3/20** (2006.01)

CPC (source: EP KR US)

**F01N 3/2066** (2013.01 - EP KR US); **F01N 2310/00** (2013.01 - EP KR); **F01N 2530/18** (2013.01 - EP KR); **F01N 2610/02** (2013.01 - EP KR); **F01N 2610/10** (2013.01 - EP KR US); **F01N 2610/1406** (2013.01 - EP KR US); **F01N 2610/1426** (2013.01 - EP KR US); **F01N 2610/1486** (2013.01 - EP KR); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

See references of WO 2019137690A1

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)

**DE 102018200317 A1 20190711**; CN 111836949 A 20201027; EP 3737841 A1 20201118; KR 20200105699 A 20200908; US 2021062702 A1 20210304; WO 2019137690 A1 20190718

DOCDB simple family (application)

**DE 102018200317 A 20180111**; CN 201880091093 A 20181130; EP 18815968 A 20181130; EP 2018083096 W 20181130; KR 20207022644 A 20181130; US 201816961727 A 20181130