

Title (en)
EJECTION OF A COOLANT

Title (de)
EJEKTION EINES KÜHLMITTELS

Title (fr)
EJECTION D'UN FLUIDE RÉFRIGÉRANT

Publication
EP 3828484 B1 20230906 (EN)

Application
EP 19211531 A 20191126

Priority
EP 19211531 A 20191126

Abstract (en)
[origin: EP3828484A1] Method for ejecting a coolant (2), comprising:a) providing the coolant (2) within a storage tank (5), wherein the coolant (2) comprises a liquid phase (3),b) determining a filling level (8) of the liquid phase (3) of the coolant (2) within the storage tank (5),cl) ejecting the coolant (2) from the storage tank (5) via a first ejection installation (6) if the filling level (8) determined in step b) is above a predetermined threshold, andc2) ejecting the coolant (2) from the storage tank (5) via a second ejection installation (7) if the filling level (8) determined in step b) is below the predetermined threshold.With the described method and device (1), a coolant (2) can be ejected such that a particularly constant cooling power can be achieved. Thereby, a decrease in the cooling power due to an increase in the gas fraction of the coolant (2) can be compensated by switching from the first ejection installation (6) to the second ejection installation (7) allowing a higher flow rate.

IPC 8 full level
F25D 3/10 (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP)
F25D 3/10 (2013.01); **F25D 29/001** (2013.01); **F25B 2700/04** (2013.01); **F25D 2500/02** (2013.01); **F25D 2600/04** (2013.01)

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

DOCDB simple family (publication)
EP 3828484 A1 20210602; EP 3828484 B1 20230906; ES 2964198 T3 20240404; PL 3828484 T3 20240212; PT 3828484 T 20231130

DOCDB simple family (application)
EP 19211531 A 20191126; ES 19211531 T 20191126; PL 19211531 T 20191126; PT 19211531 T 20191126