

Title (en)

DEVICE FOR HEATING WINDOW-WASHING LIQUID IN AN ADDITIONAL TANK OF A VEHICLE

Title (de)

VORRICHTUNG ZUM ERWÄRMEN EINER FENSTERWISCHFLÜSSIGKEIT IN EINEM ZUSÄTZLICHEN FAHRZEUGTANK

Title (fr)

DISPOSITIF DE RECHAUFFAGE DE LIQUIDE LAVE-VITRES D'UN RESEVOIR ADDITIONNEL D'UN VÉHICULE

Publication

EP 2964494 A1 20160113 (FR)

Application

EP 14713517 A 20140228

Priority

- FR 1352021 A 20130306
- FR 2014050440 W 20140228

Abstract (en)

[origin: WO2014135767A1] The invention concerns a device (1) for heating window-washing liquid in an additional tank (3) of a vehicle, comprising, in the engine compartment of same, a degassing box (10), characterised in that the additional tank (3) comprises a wall (17) affixed to a wall (43) of the degassing box (10), leaving an air gap (18) between the wall (43) of the degassing box (10) and the wall of the additional tank (3).

IPC 8 full level

B60S 1/48 (2006.01); **B60S 1/50** (2006.01); **F01P 11/02** (2006.01)

CPC (source: EP)

B60S 1/487 (2013.01); **B60S 1/50** (2013.01); **F01P 11/029** (2013.01)

Citation (search report)

See references of WO 2014135767A1

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 2014135767 A1 20140912; EP 2964494 A1 20160113; FR 3002902 A1 20140912; FR 3002902 B1 20150227

DOCDB simple family (application)

FR 2014050440 W 20140228; EP 14713517 A 20140228; FR 1352021 A 20130306