

Title (en)
FLUID DISTRIBUTOR, THERMAL CONDITIONING DEVICE FOR A FLUID OF AN AUTOMOBILE VEHICLE AND HEATING AND/OR COOLING APPARATUS THEREOF

Title (de)
FLÜSSIGKEITSVERTEILER, TEMPERIERUNGSVORRICHTUNG FÜR EINE FLÜSSIGKEIT EINES KRAFTFAHRZEUGES UND ENTSPRECHENDE HEIZ- UND/ODER KÜHLVORRICHTUNG

Title (fr)
RÉPARTITEUR DE FLUIDE, DISPOSITIF DE CONDITIONNEMENT THERMIQUE DE FLUIDE POUR VÉHICULE AUTOMOBILE ET APPAREIL DE CHAUFFAGE ET/OU DE CLIMATISATION CORRESPONDANT

Publication
EP 3080524 A1 20161019 (FR)

Application
EP 14809394 A 20141209

Priority
• FR 1362328 A 20131210
• EP 2014077013 W 20141209

Abstract (en)
[origin: WO2015086579A1] The invention relates to a fluid distributor for a device (1) for thermal conditioning of a fluid for a motor vehicle including at least one first and one second thermal modules (3a, 3b) which are substantially cylindrical, the fluid distributor (21) extending along a longitudinal axis (B) and including: a fluid intake opening (31); a first substantially circular fluid passage (27a); a second substantially circular fluid passage (27b), the opening (31) and the first and second fluid passages (27a, 27b) being aligned according to the longitudinal axis (B); and at least one rib (33a, 33b) arranged at the periphery of an associated fluid passage (27a, 27b), having a semicircular shape defined by the longitudinal axis (B) of the fluid distributor (21) and comprising two end edges (35, 37; 39, 41), and at least one adjustment area (Z) aligned with one end edge (35, 37) extending over an angle (α) of around 0° to 45° relative to the longitudinal axis (B) of the fluid distributor (21). The invention also relates to a device for thermal conditioning of a fluid including such a fluid distributor and to a heating and/or air-conditioning apparatus including such a device.

IPC 8 full level
B60H 1/00 (2006.01); **F24H 3/08** (2006.01); **F24H 9/00** (2006.01)

CPC (source: EP)
F24H 3/081 (2013.01); **F24H 9/0063** (2013.01)

Citation (search report)
See references of WO 2015086579A1

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)
FR 3014550 A1 20150612; FR 3014550 B1 20151218; CN 105980789 A 20160928; CN 105980789 B 20190625; EP 3080524 A1 20161019; EP 3080524 B1 20200812; JP 2016539851 A 20161222; JP 6363198 B2 20180725; WO 2015086579 A1 20150618

DOCDB simple family (application)
FR 1362328 A 20131210; CN 201480075252 A 20141209; EP 14809394 A 20141209; EP 2014077013 W 20141209; JP 2016538084 A 20141209