

Title (en)  
DISTRIBUTION DEVICE FOR DISTRIBUTING FLUID STREAMS AND METHOD FOR OPERATING A MOTOR VEHICLE WITH A COMBUSTION ENGINE

Title (de)  
VERTEILEINRICHTUNG ZUR VERTEILUNG VON FLUIDSTRÖMEN SOWIE VERFAHREN ZUM BETRIEB EINES KRAFTFAHRZEUGS MIT EINEM VERBRENNUNGSMOTOR

Title (fr)  
DISPOSITIF DE DISTRIBUTION DESTINÉ À LA DISTRIBUTION DES ÉCOULEMENTS DE FLUIDES, AINSI QUE PROCÉDÉ DE FONCTIONNEMENT D'UN VÉHICULE AUTOMOBILE DOTÉ D'UN MOTEUR À COMBUSTION INTERNE

Publication  
**EP 3964698 B1 20240313 (DE)**

Application  
**EP 21187730 A 20210726**

Priority  
DE 102020210855 A 20200827

Abstract (en)  
[origin: CN114109576A] The invention relates to a distribution device for distributing a fluid flow, comprising a main channel and a plurality of outflow channels branching off from the main channel, the distribution device being designed to distribute the fluid flow entering the main channel to the outflow channels. The invention relates to a dispensing device comprising a main channel, in which an inner channel is arranged, said inner channel being designed to guide a fluid entering the inner channel to at least one outflow channel, and wherein the dispensing device has a blocking mechanism for blocking a fluid flow from the main channel into the inner channel.

IPC 8 full level  
**F01P 3/08** (2006.01); **F01M 1/16** (2006.01); **F01M 11/02** (2006.01); **F02D 13/06** (2006.01); **F02D 17/02** (2006.01); **F01P 7/14** (2006.01)

CPC (source: CN EP US)  
**F01M 1/08** (2013.01 - CN US); **F01M 1/16** (2013.01 - CN EP); **F01M 9/109** (2013.01 - US); **F01M 11/02** (2013.01 - CN EP); **F01P 3/08** (2013.01 - CN EP); **F01P 7/14** (2013.01 - CN); **F01P 11/04** (2013.01 - CN); **F02D 17/02** (2013.01 - CN); **F02M 41/123** (2013.01 - US); **F02M 41/1422** (2013.01 - US); **F02M 41/1427** (2013.01 - US); **F01M 2011/022** (2013.01 - EP); **F01P 2007/146** (2013.01 - CN EP); **F02D 17/02** (2013.01 - EP)

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 3964698 A1 20220309**; **EP 3964698 B1 20240313**; CN 114109576 A 20220301; DE 102020210855 A1 20220303; US 11384720 B2 20220712; US 2022065205 A1 20220303

DOCDB simple family (application)  
**EP 21187730 A 20210726**; CN 202110901049 A 20210806; DE 102020210855 A 20200827; US 202117459473 A 20210827