

Title (en)

Valve for controlling a coolant flow for the heat exchanger of a motor vehicle and system with at least one said valve

Title (de)

Ventil zur Steuerung eines Kühlmittelstroms für einen Heizkörper eines Kraftfahrzeugs und System mit zumindest einem solchen Ventil

Title (fr)

Soupape de contrôle du débit de liquide de refroidissement pour le radiateur d'un véhicule et système avec au moins une telle soupape

Publication

EP 1881171 B1 20110223 (DE)

Application

EP 07012885 A 20070702

Priority

DE 102006033315 A 20060717

Abstract (en)

[origin: EP1881171A1] A control valve has a first valve opening (2) for coolant flow for a heater which can be closed via a first controlled closure element (3), and a second valve opening (4) for bypassing the heater and for limiting the pressure via at least a second closure element (8). The first closure element (3) and the second closure element (8) are arranged in a sub-assembly. An independent claim is given for a system with at least one valve.

IPC 8 full level

F01P 7/14 (2006.01); **F01P 3/20** (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP US)

F01P 7/14 (2013.01 - EP US); **F01P 7/16** (2013.01 - EP US); **F01P 2025/04** (2013.01 - EP US); **F01P 2060/08** (2013.01 - EP US)

Citation (examination)

DE 19627655 A1 19970116 - NIPPON DENSO CO [JP]

Cited by

CN103748333A; EP2775116A4; CN102705060A; FR3036134A1; EP2262990A4; US9163553B2; DE102008029706A1; WO2016181052A1

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