

Title (en)

Valve assembly, in particular for adjusting the flow of a heating/cooling agent in a motor vehicle

Title (de)

Ventilanordnung, insbesondere zur Einstellung einer Heizmittel/ Kühlmittel-Strömung in einem Kraftfahrzeug

Title (fr)

Agencement de vannes, en particulier destiné à l'installation d'un courant de moyen de chauffage/refroidissement dans un véhicule automobile

Publication

EP 1835142 A3 20080625 (DE)

Application

EP 07004175 A 20070228

Priority

DE 102006012212 A 20060316

Abstract (en)

[origin: EP1835142A2] The valve assembly has a first valve part (46) which is adjustable between two lines (12, 14) as a function of prevailing difference of pressure between two connecting positions. A second bypass flow path (68) makes a temperature-independent flow connection available between the first line (12) and the second line (14) on positioning of the first valve part (46) in the second connecting position. An independent claim is included for a vehicle heating system.

IPC 8 full level

F01P 7/16 (2006.01); **G05D 23/02** (2006.01); **F01P 5/10** (2006.01); **F01P 7/04** (2006.01)

CPC (source: EP)

F01P 7/14 (2013.01); **F01P 7/165** (2013.01); **F01P 2005/105** (2013.01); **F01P 2007/146** (2013.01); **F01P 2050/22** (2013.01); **F01P 2060/08** (2013.01)

Citation (search report)

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- [A] EP 1267239 A2 20021218 - ITW HENSCHER GMBH [DE]
- [A] US 2004026521 A1 20040212 - COLAS ALEX [CA], et al
- [A] DE 3824412 C1 19890824 - MTU FRIEDRICHSHAFEN GMBH [DE]
- [A] DE 4446152 A1 19960627 - EBERSPAECHER J [DE]

Cited by

CN106870098A; DE102014203085A1; DE102013225098A1; DE102013225098B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1835142 A2 20070919; EP 1835142 A3 20080625; EP 1835142 B1 20120912; DE 102006012212 A1 20070920; PL 1835142 T3 20130329

DOCDB simple family (application)

EP 07004175 A 20070228; DE 102006012212 A 20060316; PL 07004175 T 20070228