

Title (en)

Hydraulic distribution valve for a mixed heating system

Title (de)

Hydraulisches Verteilerventil für kombinierte Heizungsanlage

Title (fr)

Vanne distributrice hydraulique pour système de production d'eau chaude de chauffage et d'eau chaude sanitaire

Publication

EP 1188991 B1 20040407 (FR)

Application

EP 01402349 A 20010912

Priority

FR 0011720 A 20000914

Abstract (en)

[origin: EP1188991A1] The valve comprises first (20) and second (21) bodies whose first ends (22,23) are connected respectively to the heating circuit return and to a cold water inlet pipe. Their second ends (24,25) are connected respectively to a hydraulic motor driving a valve set (26) between two seats opening and closing orifices located within the valve, and a pressure difference generator system (29) comprising a restriction (16). The generator system comprises a casing having two pressure tapings (38,39) connected to upstream and downstream chambers of a motor enclosure and an outlet orifice to the bathroom exchanger. The exchanger return orifice is positioned on a third transverse body and discharges into the first body which also has heating circuit outlet orifice.

IPC 1-7

F24D 19/10

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

F24D 19/1066 (2013.01 - EP US)

Cited by

EP3680574A1; ITBO20080456A1; EP2148149A3; EP1884720A1; EP3222929A4; IT201900000472A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1188991 A1 20020320; EP 1188991 B1 20040407; AT E263947 T1 20040415; DE 60102637 D1 20040513; ES 2218349 T3 20041116; FR 2813950 A1 20020315; FR 2813950 B1 20021115; PT 1188991 E 20040831

DOCDB simple family (application)

EP 01402349 A 20010912; AT 01402349 T 20010912; DE 60102637 T 20010912; ES 01402349 T 20010912; FR 0011720 A 20000914; PT 01402349 T 20010912