

Title (en)
Balancing valve

Title (de)
Ausgleichsventil

Title (fr)
Vanne d'équilibrage

Publication
EP 2395288 B1 20190123 (FR)

Application
EP 10165219 A 20100608

Priority
EP 10165219 A 20100608

Abstract (en)
[origin: EP2395288A1] The valve (1) has a measurement unit for measuring characteristics of fluid passing through the valve. A control unit positions a flap gate (2) of the valve. A data storing unit stores intrinsic and extrinsic parameters of the valve. An independent processing unit is arranged to realize automatic balancing of the parameters from values of the characteristics of the fluid measured by the measuring unit. The processing unit exchanges and modifies the balancing data at the end of adaptation and diagnosis of a hydraulic distribution network (5). Independent claims are also included for the following: (1) a method for automatic static balancing of hydraulic conditions of thermal regulation units integrated into a branch of a hydraulic network (2) a method for automatic dynamic balancing of input pressure of thermal regulation units integrated into a branch of a hydraulic network.

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1015 (2013.01 - EP US)

Cited by
CN113719988A; CN108488898A; CN114076338A; CN108916984A; CN114543158A; US9864383B2; WO2016156556A1

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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2395288 A1 20111214; EP 2395288 B1 20190123; PL 2395288 T3 20190731; RU 2011122918 A 20121220; RU 2557150 C2 20150720; UA 110319 C2 20151225

DOCDB simple family (application)
EP 10165219 A 20100608; PL 10165219 T 20100608; RU 2011122918 A 20110607; UA A201107236 A 20110607