

Title (en)

A valve assembly for heating plants.

Title (de)

Ventilvorrichtung für Heizungsanlagen.

Title (fr)

Dispositif de soupape pour installation de chauffage.

Publication

EP 0466010 B1 19940223 (EN)

Application

EP 91111001 A 19910703

Priority

IT 2088590 A 19900709

Abstract (en)

[origin: EP0466010A1] A valve assembly comprising a three-way valve and an associated control valve of mechanical type that are fitted on top of each other, wherein the control valve comprises a pan (25) and a flexible diaphragm (24) axially urged upward by a first helical spring (23) and an axially movable central stop member (31) carrying a stem (29) projecting upward to actuate the overlying three-way valve (1). The pan (25) carries a laterally opened central projection (30) that houses a plunger member (33) having an axial hole (34) and a second helical spring (35) that realize the bypass, and the central projection (30) further has a stem (26) protruding downward for actuating additional electric devices. <IMAGE>

IPC 1-7

F16K 11/04; F16K 31/126

IPC 8 full level

F24D 19/10 (2006.01)

CPC (source: EP US)

F24D 19/1066 (2013.01 - EP US)

Cited by

WO2007085257A1; EP1422451A1; EP0945687A1; EP0771978A3; EP0568122A3; FR2813950A1; EP1188991A1; EP2453332A1; CN104033627A; EP2775218A3; WO2007085255A1; WO9604499A1

Designated contracting state (EPC)

ES GB NL

DOCDB simple family (publication)

EP 0466010 A1 19920115; **EP 0466010 B1 19940223**; ES 2049506 T3 19940416; IT 1244296 B 19940708; IT 9020885 A0 19900709; IT 9020885 A1 19920109

DOCDB simple family (application)

EP 91111001 A 19910703; ES 91111001 T 19910703; IT 2088590 A 19900709