

Title (en)

ARRANGEMENT IN VALVE DEVICE, WHERE THE VALVE BODY IS PROVIDED WITH RADIAL PROJECTING CONNECTION PINS ENGAGED WITH ANNULAR PISTON MEANS WHICH DISPLACES THE VALVE BODY

Title (de)

ANORDNUNG IN EINER VENTILVORRICHTUNG, IN DER DER VENTILKÖRPER MIT RADIAL VORRAGENDEN VERBINDUNGSSTIFTEN VERSEHEN IST, DIE MIT DEN VENTILKÖRPER VERSCHIEBENDEN RINGFÖRMIGEN KOLBENMITTELN IN EINGRIFF STEHEN

Title (fr)

CONFIGURATION DE SYSTEME DE SOUPAPE SELON LAQUELLE LE CORPS DE SOUPAPE EST MUNI DE BROCHES DE CONNEXION SAILLANTES EN PRISE AVEC DES ELEMENTS ANNULAIRES DE TYPE PISTON DEPLA ANT LE CORPS DE SOUPAPE

Publication

EP 1387970 A1 20040211 (EN)

Application

EP 02733676 A 20020513

Priority

- SE 0200907 W 20020513
- SE 0101701 A 20010514

Abstract (en)

[origin: WO02093049A1] The invention relates to valve device preferably for the control of the flow from an evacuation device, wherein the valve device includes a valve housing, connection openings and a through flow channel, the channel including a wider portion, in which a valve body is axially movable and arranged to in a specific position axially engage an sealing and abutment edge. The novelty lies in that at an end face of one portion of the valve housing enclosing one of the connection openings is arranged at least one annular cylinder in the shape of an axial groove, the annular grove or cylinder being essentially closed at one end at the opposite end opening towards the wider channel portion of the channel, and in said annular cylinder there is an annular piston means, on introduction of pressure fluid at the essentially closed cylinder end arranged to be displaced outwardly in order to engage connection means at the valve body and displace same away from its sealing position against the force of a spring means.

IPC 1-7

F16K 3/02

IPC 8 full level

F16K 15/02 (2006.01); **F16K 17/04** (2006.01)

CPC (source: EP)

F16K 15/028 (2013.01); **F16K 17/0413** (2013.01)

Citation (search report)

See references of WO 02093049A1

Cited by

RU169643U1

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)

WO 02093049 A1 20021121; EP 1387970 A1 20040211; SE 0101701 D0 20010514; SE 0101701 L 20021115; SE 521730 C2 20031202

DOCDB simple family (application)

SE 0200907 W 20020513; EP 02733676 A 20020513; SE 0101701 A 20010514