

Title (en)

CONTROL DEVICE FOR A PISTON LOCATED IN A CYLINDER

Publication

EP 0316500 B1 19910417 (FR)

Application

EP 87810677 A 19871119

Priority

EP 87810677 A 19871119

Abstract (en)

[origin: EP0316500A1] A four-way valve controls a piston (15) located in a cylinder (16). A plate (23), having passages (24, 25) which are used and a passage (26) which is not used in Figure 1, is situated between the body (1) of the valve and the cylinder (16). By rotating the plate (23) by 180 DEG , the passage (24) is situated in a non-use position, whilst the passage (26) joins the ducts (19 and 13) so as to connect the space (21) of the cylinder (16) continuously with an exhaust orifice (6). <IMAGE>

IPC 1-7

F15B 13/00

IPC 8 full level

F15B 1/00 (2006.01); **F15B 11/06** (2006.01); **F15B 13/00** (2006.01); **F15B 13/08** (2006.01)

CPC (source: EP US)

F15B 13/0807 (2013.01 - EP US)

Citation (examination)

- US 752472 A 19040216
- US 1604587 A 19261026 - KNIGHT GROVER C

Cited by

WO2006122520A1; DE102005023791A1; EP4212741A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0316500 A1 19890524; EP 0316500 B1 19910417; AT E62728 T1 19910515; DE 3769476 D1 19910523; ES 2022451 B3 19911201; JP 2668254 B2 19971027; JP H02138504 A 19900528; US 4947733 A 19900814

DOCDB simple family (application)

EP 87810677 A 19871119; AT 87810677 T 19871119; DE 3769476 T 19871119; ES 87810677 T 19871119; JP 29033188 A 19881118; US 26435988 A 19881031