

Title (en)
CONTROL VALVE

Publication
EP 0122247 B1 19870729 (EN)

Application
EP 84850112 A 19840409

Priority
SE 8301993 A 19830411

Abstract (en)
[origin: EP0122247A1] A control valve for a controlled supply of pressurized fluid from a source of pressurized fluid to a pressurized fluid system. The valve comprises a valve casing (1, 2) having a valve chamber (4), an inlet port (19) to be connected to the source of pressurized fluid, an outlet port (20) to be connected to the pressurized fluid system, and an exhaust port (21). A slide (8) movable in the valve chamber (4) is displaceable between a closing position and an opening position. In the opening position, a piston body (11) which is movable on the slide (8) can be displaced between an initial position, which secures a slow supply of pressurized fluid via a choke hole (28), and a final position, which permits a greater flow of pressurized fluid via a flow passage (27) having a substantially greater cross-sectional area than the choke hole (28).

IPC 1-7
F16K 11/07

IPC 8 full level
F16K 11/07 (2006.01); **F15B 11/068** (2006.01)

CPC (source: EP)
F15B 11/068 (2013.01)

Citation (examination)
DE 3027022 A1 19810205 - MECMAN AB

Cited by
US11590642B2; FR2799815A1; EP0488493A1; DE4324939A1; US5361803A; CN104395614A; WO0046531A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0122247 A1 19841017; EP 0122247 B1 19870729; AT E28688 T1 19870815; DE 3465134 D1 19870903; DK 159796 B 19901203; DK 159796 C 19910722; DK 543384 A 19841115; DK 543384 D0 19841115; FI 73804 B 19870731; FI 73804 C 19871109; FI 844616 A0 19841123; FI 844616 L 19841123; HU 197420 B 19890328; HU T35354 A 19850628; JP H0553994 B2 19930811; JP S60501020 A 19850704; SE 442434 B 19851223; SE 8301993 D0 19830411; SE 8301993 L 19841012; WO 8404147 A1 19841025

DOCDB simple family (application)
EP 84850112 A 19840409; AT 84850112 T 19840409; DE 3465134 T 19840409; DK 543384 A 19841115; FI 844616 A 19841123; HU 225284 A 19840409; JP 50175984 A 19840409; SE 8301993 A 19830411; SE 8400129 W 19840409