

Title (en)  
Control valve device.

Title (de)  
Steuerventileinrichtung.

Title (fr)  
Dispositif de commande de valve.

Publication  
**EP 0600202 B1 19950816 (DE)**

Application  
**EP 93116835 A 19931019**

Priority  
DE 9216386 U 19921202

Abstract (en)  
[origin: EP0600202A1] Control valve device having a working piston, a main valve slide (41), the smaller piston surface (43) of which faces a compressed-air storage space (21) and the larger piston surface (45) of which faces a main control space (44), an auxiliary valve slide (42), the first active surface (72) of which can be connected by means of a triggering valve (98) to atmosphere or compressed-air storage space to move the main valve slide (41) into the open position, and a second active surface (73) is connected to a piston stroke space (84) to move the main valve slide (41) into the closed position, the auxiliary valve slide (42) being moved back when the pressure at its second active surface (73) falls below a preset value, this active surface (73) being connected to a reversing valve (79) which is connected to atmosphere when the trigger (23) is not actuated and is closed upon actuation, and the trigger (23) having a first movement path and after a second movement path actuating the reversing valve (79), while the triggering valve (98) remains activated, the reversing valve (79) having a push rod (103) which, upon displacement beyond an open position closes an outlet opening (104) connecting the second active surface (73) to atmosphere, and which upon trigger actuation over the second movement path is pushed away beyond the open position, being stressed for a movement to the open position. <IMAGE>

IPC 1-7  
**B25C 1/04**

IPC 8 full level  
**B25C 1/04** (2006.01)

CPC (source: EP US)  
**B25C 1/042** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**DE 9216386 U1 19930211**; DE 59300488 D1 19950921; EP 0600202 A1 19940608; EP 0600202 B1 19950816; ES 2078094 T3 19951201; JP 3505606 B2 20040308; JP H06206175 A 19940726; TW 249829 B 19950621; US 5370037 A 19941206

DOCDB simple family (application)  
**DE 9216386 U 19921202**; DE 59300488 T 19931019; EP 93116835 A 19931019; ES 93116835 T 19931019; JP 32984693 A 19931130; TW 82108774 A 19931021; US 15329693 A 19931116