

Title (en)

PNEUMATIC CONTROL VALVE FOR SANITARY DEVICE

Title (de)

PNEUMATISCHES STEUERUNGSVENTIL FÜR SANITÄREINRICHTUNG

Title (fr)

SOUPAPE DE COMMANDE PNEUMATIQUE POUR ÉQUIPEMENT SANITAIRE

Publication

EP 3122951 B1 20180523 (DE)

Application

EP 15714447 A 20150327

Priority

- DE 202014002712 U 20140328
- EP 2015056780 W 20150327

Abstract (en)

[origin: WO2015144904A1] The invention relates to a control valve device (1) for controlling a sanitary device, comprising a valve housing (10), which comprises a vacuum chamber (11) with a first vacuum line connection (12), an intermediate chamber (14) with a second vacuum line connection (15), and an ambient pressure chamber (16) with a ventilation opening, and comprising a manually movable valve lifter (20) which seals the vacuum chamber (11) from the intermediate chamber (14) and releases a connection between the intermediate chamber (14) and the ambient pressure chamber (16) in a first position and releases a connection between the vacuum chamber (11) and the intermediate chamber (14) and seals the intermediate chamber from the ambient pressure chamber (17) in a second position. According to the invention, a compressed air valve unit which is coupled to the valve lifter (20) is provided with a valve body which blocks a compressed air inlet (60) from a compressed air outlet (84) in the first position of the valve lifter (20) and which releases a connection between the compressed air inlet (83) and the compressed air outlet (84) in the second position of the valve lifter (20).

IPC 8 full level

E03F 1/00 (2006.01)

CPC (source: CN EA EP)

E03D 5/09 (2013.01 - CN); **E03F 1/006** (2013.01 - EA EP)

Cited by

EP4382685A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202014002712 U1 20150630; AP 2016009535 A0 20151031; CN 106460377 A 20170222; CN 106460377 B 20191126;
DK 3122951 T3 20180903; EA 032376 B1 20190531; EA 201691937 A1 20170331; EP 3122951 A1 20170201; EP 3122951 B1 20180523;
PL 3122951 T3 20181130; WO 2015144904 A1 20151001

DOCDB simple family (application)

DE 202014002712 U 20140328; AP 2016009535 A 20150327; CN 201580017275 A 20150327; DK 15714447 T 20150327;
EA 201691937 A 20150327; EP 15714447 A 20150327; EP 2015056780 W 20150327; PL 15714447 T 20150327