

Title (en)
CONTROL VALVE

Title (de)
STEUERVENTIL

Title (fr)
VANNE DE COMMANDE

Publication
EP 0856115 A4 19981125 (EN)

Application
EP 96926974 A 19960819

Priority
• AU 9600520 W 19960819
• AU PN485895 A 19950818

Abstract (en)
[origin: WO9707354A1] The control valve has a flap valve (13) biased to an open position by a spring (14). The degree of opening is set by a set screw (15) engaged against a surface (29) on the flap valve (13). Adjustment of the set screw (15) enables control of an air flow therepast. The spring (14) is selected to enable the flap to be closed against a flow of water. The control valve can be applied with a saddle (11) to a cistern pipe (47) to draw odours from a toilet pan (38).

IPC 1-7
F16K 24/04; F16K 1/18; F16K 15/03; E03D 9/04

IPC 8 full level
E03D 9/04 (2006.01); **F16K 1/20** (2006.01); **F16K 15/03** (2006.01); **F16K 24/04** (2006.01); **F24F 7/06** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP KR)
E03D 9/04 (2013.01 - EP); **F16K 15/033** (2013.01 - EP); **F16K 24/04** (2013.01 - EP KR); **F24F 7/06** (2013.01 - EP); **F24F 13/14** (2013.01 - EP)

Citation (search report)
• [X] US 3380474 A 19680430 - MILLS WALLACE R
• [X] AT 75708 B 19190310 - AUGUSTIN EDMUND ING
• [A] US 2610822 A 19520916 - LEMOS JR ALBERT
• [A] EP 0022599 A2 19810121 - THERMOROSI SPA [IT]
• See references of WO 9707354A1

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
AU 9600520 W 19960819; AU PN485895 A 19950818; CN 96196317 A 19960819; EP 96926974 A 19960819; JP 50875797 A 19960819; KR 19980701152 A 19980217