

Title (en)
Backflow flap

Title (de)
Rückschlagklappe

Title (fr)
Soupape de retenue

Publication
EP 2239381 A1 20101013 (EN)

Application
EP 10158514 A 20100330

Priority
IT BO20090014 U 20090331

Abstract (en)
Self-switching, one-way, pneumatic valve for preventing pressure drops in the water drainage pipes of sanitary facilities connected to the sewerage system, or for other uses, of the type which comprises a body (3) with a through-opening (303) which is positioned on the pipe (1) to be closed off and which on the side directed towards this pipe pivotably supports via an upper pivot a shut-off disc (8) which is directed downwards and which normally closes the said through-opening, characterized in that said through-opening (303) is located in an inclined plane in a diagonally sloping arrangement, with the deepest part situated at the bottom, opposite to the less deep part where the said shut-off disc (8) is hinged, which disc, as a result of said arrangement, when at rest reliably remains in the condition for closing off said through-opening, even if the axis of the valve body and/or the hinge of the shut-off member are not perfectly horizontal.

IPC 8 full level
E03F 7/04 (2006.01)

CPC (source: EP)
E03F 7/04 (2013.01)

Citation (applicant)
• IT 237261 Y1 20000905 - CAPALBO LENIN [IT]
• IT 240790 Y1 20010411 - CAPALBO LENIN [IT]

Citation (search report)
• [XA] GB 191023257 A 19110810 - RICHARDSON WILLIAM HENRY [GB]
• [X] EP 0278746 A2 19880817 - EARL RAYMOND FREDERICK
• [X] AU 511424 B2 19800821 - BJAERE ELEMENT AB
• [X] US 3815629 A 19740611 - OBERHOLTZER J

Cited by
EP2837748A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

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DOCDB simple family (application)
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