

Title (en)
System disconnecter

Title (de)
Systemtrenner

Title (fr)
Ensemble anti-retour

Publication
EP 2617904 A1 20130724 (EN)

Application
EP 12151515 A 20120118

Priority
EP 12151515 A 20120118

Abstract (en)
System disconnecter (10) comprising: a housing (11) defining an inlet chamber (12), an outlet chamber (13) and an intermediate chamber (14) positioned in flow direction of a liquid medium between the inlet chamber (12) and the outlet chamber (13); backflow preventers (15, 16) arranged in series connection in the flow of the liquid medium, namely a first backflow preventer (15) between the inlet chamber (12) and the intermediate chamber (14) and a second backflow preventer (16) between the intermediate chamber (14) and the outlet chamber (13); a discharge valve (17) adapted to discharge the intermediate chamber (14) being positioned between the first backflow preventer (15) and the second backflow preventer (16) to the atmosphere which is controlled by a pressure differential between the inlet chamber (12) and the intermediate chamber (14). The discharge valve (17) is provided by a moveable housing insert (18) in combination with a non-moveable housing insert (19), wherein the moveable housing insert (18) is part of the first backflow preventer (15), wherein the non-moveable housing insert (19) is part of the second backflow preventer (16), wherein the discharge valve (17) is closed when the moveable housing insert (18) is pressed against the non-moveable housing insert (19), and wherein the discharge valve (17) is opened when the moveable housing insert (18) is lifted up from the non-moveable housing insert (19).

IPC 8 full level
E03C 1/10 (2006.01)

CPC (source: EP)
E03C 1/106 (2013.01); **E03C 1/108** (2013.01)

Citation (applicant)
EP 0555837 B1 19961023 - HONEYWELL AG [DE]

Citation (search report)
• [X] EP 1004715 A1 20000531 - VOLLMER INGENIEURBUERO [DE]
• [XY] EP 1350896 A2 20031008 - SASSERATH & CO KG H [DE]
• [Y] DE 3708169 A1 19880922 - LICENTIA GMBH [DE]

Cited by
WO2022039710A1

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

Designated extension state (EPC)
BA ME

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