

Title (en)
Backflow preventer.

Title (de)
Systemtrenner.

Title (fr)
Dispositif anti-retour.

Publication
EP 0555837 A1 19930818 (DE)

Application
EP 93102087 A 19930211

Priority
DE 4204386 A 19920214

Abstract (en)
The invention relates to a system disconnecter (10) which is composed of two backflow preventers (16,18), connected one behind the other in the throughflow direction of the medium, and of a discharge valve (22) which vents the intermediate chamber (20), between the two backflow preventers, into the atmosphere. Said system disconnecter is provided with a differential-pressure stabiliser (40) which controls the differential pressure between inlet side (12) and intermediate chamber (20) at an approximately constant value. <IMAGE>

Abstract (de)
Ein Systemtrenner (10), bestehend aus zwei in Durchlaßrichtung des Mediums hintereinandergeschalteten Rückflußverhinderern (16,18) und einem die Zwischenkammer (20) zwischen den beiden Rückflußverhinderern in die Atmosphäre entlüftenden Abflußventil (22) ist mit einem Differenzdruckstabilisator (40) versehen, der den Differenzdruck zwischen Eingangsseite (12) und Zwischenkammer (20) auf einem annähernd konstanten Wert regelt. <IMAGE>

IPC 1-7
E03C 1/10

IPC 8 full level
E03C 1/10 (2006.01)

CPC (source: EP US)
E03C 1/106 (2013.01 - EP US); **E03C 1/108** (2013.01 - EP US); **Y10T 137/2557** (2015.04 - EP US); **Y10T 137/3331** (2015.04 - EP US)

Citation (search report)
• [A] EP 0320700 A1 19890621 - LANG APPARATEBAU GMBH [DE]
• [A] EP 0305557 A1 19890308 - HONEYWELL BRAUKMANN GMBH [DE]

Cited by
EP0671514A3; EP2617904A1; EP3415825A1; DE202009013771U1; DE102009048093A1; DE102009048093B4

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