

Title (en)
Backflow prevention assembly

Title (de)
Rohrtrenneranordnung

Title (fr)
Ensemble anti-retour

Publication
EP 2011928 B1 20140226 (DE)

Application
EP 08154137 A 20080407

Priority
DE 102007030654 A 20070702

Abstract (en)
[origin: EP2011928A2] The arrangement (10) has an upstream backflow preventor (18) arranged in a housing (12). A downstream backflow preventor (20) is arranged coaxial to the preventor (18), and a discharge valve includes a valve seat (74) connected with a downstream side of a spring-actuated piston (76). The piston is moved perpendicular to an opening direction of the preventors, and is pressurized with input pressure over a connection duct (32) against resilience of a tensioning spring (84). The duct is directed to the preventor (18), and the valve seat and piston are formed as an integrated plastic element.

IPC 8 full level
E03C 1/10 (2006.01)

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

Cited by
WO2012126287A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2011928 A2 20090107; EP 2011928 A3 20110406; EP 2011928 B1 20140226; DE 102007030654 A1 20090108

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