

Title (en)
Double check valve

Title (de)
Systemtrenner

Title (fr)
Ensemble de clapets anti-retour

Publication
EP 1688547 A2 20060809 (DE)

Application
EP 06001816 A 20060130

Priority
DE 102005005452 A 20050204

Abstract (en)
The device has a housing (1), reverse flow prevention devices (5,13) on the input and output sides and a valve (outlet valve) for opening or closing an outlet (4) between the reverse flow prevention devices. The housing is in one piece, the outlet valve ring includes a valve ring able to move in the housing and fixed to a piston to form a pot (9) with a surface subjected to pressure acting in equal measure towards the input (2) and output (3).

IPC 8 full level
E03C 1/10 (2006.01)

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

Citation (applicant)
• DE 19854951 C2 20011115 - VOLLMER RUDOLF [DE]
• DE 20305410 U1 20030710 - GRUENBECK JOSEF WASSERAUF B [DE]
• EP 1422351 A1 20040526 - VOLLMER RUDOLF [DE]
• DE 2424978 A1 19751204 - BRAUKMANN ARMATUREN

Cited by
EP2239379A1; DE202009013771U1; DE102009048093A1; DE102009048093B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1688547 A2 20060809; EP 1688547 A3 20070221; EP 1688547 B1 20110119; AT E496177 T1 20110215; DE 102005005452 A1 20060817; DE 502006008748 D1 20110303; DK 1688547 T3 20110509; ES 2360231 T3 20110602; PL 1688547 T3 20110729

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