

Title (en)
TUBE DISCONNECTOR

Publication
EP 0189499 B1 19870520 (DE)

Application
EP 85100921 A 19850130

Priority
EP 85100921 A 19850130

Abstract (en)
[origin: EP0189499A1] 1. Tube disconnecter especially for installation in a domestic water pipe, comprising a closing piston (26) displaceable within a housing and being connected to a further piston (40), whereat both pistons are impinged by the pressure of the inflowing fluid and the closing piston (26) selectively acts together with two tandem joined valve seats (22, 24) as a function of its sliding position, in order to close a back-flow prevention valve and to open an outlet valve or to open the back-flow prevention valve and to close the outlet valve, respectively, characterized in that said further piston (relief piston 40) is impinged by the fluid pressure (p1) on its face adjacent to the closing piston (26) and that the back face of said further piston (40) by means of a three-way valve (48) is selectively connectable to the fluid pressure (p1) or to the atmosphere, respectively.

IPC 1-7
E03C 1/10

IPC 8 full level
E03C 1/10 (2006.01)

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

Cited by
EP0305557A1; EP0259551A1; AU582923B2; EP0504827A3; EP2011928A3; WO8910509A1; DE202014100172U1; DE102014119719A1; DE102014119719B4

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EP 0189499 A1 19860806; EP 0189499 B1 19870520; AT E27323 T1 19870615; DE 3560188 D1 19870625

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