

Title (en)
TUBE DISCONNECTOR

Publication
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Application
EP 86103494 A 19860314

Priority
DE 3509720 A 19850318

Abstract (en)
[origin: EP0195389A2] 1. A tube disconnecter comprising a throughflow orifice (16) and a vent orifice (17, 41) and, associated with these orifices, two closure elements (5, 50 ; 8 ; 9) so coupled together that the throughflow orifice is in the closed state when the vent orifice is open and vice versa, the isolator also having driving surfaces (509, 82, 92), enabling the medium to move the closure elements into the throughflow position, a return spring (61) being provided to return the closure elements to the venting position, characterized in that the closure elements (5, 50 ; 8 ; 9) are so devised that by the opening of the throughflow orifice (16) a relatively large driving surface (509, 82, 92), and upon closure of the throughflow orifice (16) a relatively small driving surface, becomes operative for the movement into the throughflow position.

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E03C 1/10

IPC 8 full level
E03C 1/10 (2006.01)

CPC (source: EP)
E03C 1/104 (2013.01); **E03C 1/108** (2013.01)

Cited by
EP2960384A1; CN115339751A; WO9313273A1

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