

Title (en)

FLUID FILLING AND/OR EXTRACTING CONNECTOR AND ASSEMBLY COMPRISING A CONNECTOR AND A TAP

Title (de)

KONNEKTOR ZUR FLÜSSIGKEITSBEFÜLLUNG ODER -ENTNAHME UND BAUGRUPPE MIT EINEM SOLCHEN KONNEKTOR UND EINEM HAHN

Title (fr)

RACCORD DE REMPLISSAGE ET/OU SOUTIRAGE DE FLUIDE ET ENSEMBLE COMPRENANT UN RACCORD ET UN ROBINET

Publication

EP 2265850 A1 20101229 (FR)

Application

EP 09730986 A 20090320

Priority

- FR 2009050477 W 20090320
- FR 0851930 A 20080326

Abstract (en)

[origin: WO2009125105A1] Pressurized fluid filling and/or extracting connector, particularly for a pressurized gas, said connector being designed to be selectively connected to a fluid receiving device such as a tap of a pressurized tank, said connector comprising a fluid supply line (122), at least one male and/or female attachment part (41) designed to engage selectively by attaching to at least one mating female and/or male attachment port (61) on the receiving device, the connector comprising a pressure-sensitive lock bolt (8, 83) in the fluid supply line, and being characterized in that in its first and second positions the lock bolt (8, 83) is so shaped as to lock or release the attachment part (41) via at least one intermediate locking part (5, 51) separate from the lock bolt, the intermediate locking part (5, 51) being selectively movable between a locked position and an unlocked position of the attachment part (41) or parts, and in that the lock bolt (8, 83) includes at least one member (83) such as a pin movable in relation to the intermediate locking part, the movable member (83) forming a retractable stop for the intermediate locking part (5, 51) depending on the pressure of the fluid in the supply line.

IPC 8 full level

F16L 37/252 (2006.01); **F16L 37/42** (2006.01)

CPC (source: EP US)

F16L 37/252 (2013.01 - EP US); **F16L 37/32** (2013.01 - EP US); **Y10T 137/612** (2015.04 - EP US)

Citation (search report)

See references of WO 2009125105A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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