

Title (en)

Receiver under variable pressure especially for condenser

Title (de)

Sammler unter veränderlichem Druck, insbesondere für Verflüssiger

Title (fr)

Récipient sous pression variable notamment pour condenseur d'échangeur thermique

Publication

EP 1363087 B1 20171018 (FR)

Application

EP 03291037 A 20030429

Priority

FR 0206030 A 20020516

Abstract (en)

[origin: EP1363087A1] The tubular coupling (1) for a pressurized container such as a heat exchanger condenser has a plug (3) with ring seals (5) that can be removed e.g. to replace a desiccant cartridge. The plug is held in place by a transverse plate (7) inserted through slots (8, 9) in the coupling walls, the plate having a through hole (10) for a rod (11) on the upper end of the plug. The plug can be removed only when the pressure inside the container has fallen to atmospheric level, when the rod can be rotated to allow projecting edges to pass through the hole and the plug can be pushed into the coupling as far as an inner shoulder (6) to enable the plate to be withdrawn.

IPC 8 full level

F25B 39/04 (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP US)

F25B 39/04 (2013.01 - EP US); **F25B 43/003** (2013.01 - EP US); **F25B 2400/162** (2013.01 - EP US); **F28F 2220/00** (2013.01 - EP US); **Y10S 220/19** (2013.01 - EP US); **Y10S 220/20** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 1363087 A1 20031119; **EP 1363087 B1 20171018**; FR 2839768 A1 20031121; FR 2839768 B1 20040827; US 2003226850 A1 20031211; US 6871754 B2 20050329

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