

Title (en)

Device for connecting two containers and container therefor

Title (de)

Vorrichtung zur Verbindung von zwei Behältern und Behälter dafür

Title (fr)

Dispositif solidarisant deux conteneurs et conteneur associé à un tel dispositif

Publication

**EP 0691520 B1 19980708 (FR)**

Application

**EP 95401372 A 19950613**

Priority

FR 9407352 A 19940616

Abstract (en)

[origin: EP0691520A1] A releasable coupling enables two cylindrical cartridges (1a,1b), at least one contg. propellant explosive while the other may include a missile, to be rigidly connected together before loading into a gun barrel. The end of cartridge (1a) carries a resilient plastic ring (12) which is slidable axially forwards to engage a second ring (19) fixed to the matching end of cartridge (1b), outer lip (18) on ring (12) then latching under inward facing flange (20) on ring (19) to lock the cartridges together. The axial movement of ring (12) is restricted by an inner lip (14) thereon engaging a flange (11) on a collar (9) which slidably supports ring (12) on cartridge (1a). The outer surface of ring (12) is so shaped that as the cartridges are loaded into the barrel ring (12) is radially compressed to unhook lip (18) from flange (20), while an inner lip (16) on ring (12) is able to hook onto an outward facing flange (21) on ring (19). Should the cartridges now be withdrawn from the barrel instead of being fired, cartridge (1b) is pulled along behind cartridge (1a) but released therefrom once ring (12) comes clear of the barrel and resumes its original shape. <IMAGE>

IPC 1-7

**F42B 3/02**; **F42B 5/38**

IPC 8 full level

**F42B 3/02** (2006.01); **F42B 5/38** (2006.01)

CPC (source: EP US)

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Cited by

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**EP 0691520 A1 19960110**; **EP 0691520 B1 19980708**; DE 69503323 D1 19980813; DE 69503323 T2 19981126; FR 2721375 A1 19951222; FR 2721375 B1 19960814; IL 114133 A0 19951031; IL 114133 A 19991130; US 5607057 A 19970304

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