

Title (en)

Coupling device for two containers and container for such a device

Title (de)

Vorrichtung zum Verbinden von zwei Behältern und Behälter dafür

Title (fr)

Dispositif permettant de solidariser deux conteneurs et conteneur associé un tel dispositif

Publication

**EP 0684443 B1 19990324 (FR)**

Application

**EP 95401100 A 19950511**

Priority

FR 9406305 A 19940525

Abstract (en)

[origin: EP0684443A1] The coupling system, e.g. for propulsive charge containers used in heavy artillery or tank weapons, consists of at least three hooks (11) spaced evenly round the end of one container (3a), the tips of which are shaped to engage with an annular recess (18) round the other container (3b). The hooks and groove engage through matching conical surfaces. The hooks are set in recesses (12) round the first container, and each hook has a projecting lug (16) which can slide in a slot (13) in the outer wall of the first container over the recess. In a variant of the design the hooks can be fitted to a threaded ring engaging with the end of the first container. The hooks are made from a plastic material such as polyoxymethylene, high density polyethylene or polyamide. <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)

**F42B 3/02** (2013.01 - EP US); **F42B 5/38** (2013.01 - EP US)

Cited by

CN110454633A; WO9924778A1

Designated contracting state (EPC)

CH DE GB IT LI SE

DOCDB simple family (publication)

**EP 0684443 A1 19951129**; **EP 0684443 B1 19990324**; DE 69508465 D1 19990429; DE 69508465 T2 19990708; FR 2720495 A1 19951201; FR 2720495 B1 19960719; US 5649638 A 19970722

DOCDB simple family (application)

**EP 95401100 A 19950511**; DE 69508465 T 19950511; FR 9406305 A 19940525; US 44529195 A 19950519