

Title (en)  
RECOIL MANAGEMENT

Title (de)  
RÜCKSTOSSBEHERRSCHUNG

Title (fr)  
CONTRÔLE DE REcul

Publication  
**EP 3726177 B1 20221130 (EN)**

Application  
**EP 19170037 A 20190418**

Priority  
EP 19170037 A 20190418

Abstract (en)  
[origin: EP3726177A1] A recoil managed disruptor (102) includes a disruptor device (102) having a barrel (104) from which a slug of material is fired. A piston (106) is mechanically coupled to the disruptor device (102). A housing (109) which supports the disruptor (102) on a positioning device includes a deformable recoil absorber, a.k.a. DRA (112) constraint (108). The DRA constraint (108) is configured to receive a sacrificial DRA structure (112) comprised of a semi-rigid material. The piston (106) is responsive to a recoil force produced when the disruptor device (102) is fired to travel along an axial length of the housing (109) and permanently deform the DRA structure (112) within the DRA constraint (108).

IPC 8 full level  
**F41B 9/00** (2006.01)

CPC (source: EP)  
**F41B 9/0046** (2013.01)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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