

Title (en)

Ejecting device for mortar grenade launches, e.g. mortar shell for fire simulation.

Title (de)

Auswurfeinrichtung für Granatwerfer- bzw. Mörsergeschosse zur Simulation eines Schusses.

Title (fr)

Dispositif d'éjection pour lance-grenade, par exemple obus de mortier pour simulation de tir.

Publication

**EP 0469490 B1 19940518 (DE)**

Application

**EP 91112651 A 19910727**

Priority

DE 4024540 A 19900802

Abstract (en)

[origin: US5129325A] There is proposed an ejector device (6) for grenade projector or mortar projectiles (1), which permits simulation of mortar firing even in halls or very limited areas. It is known that blank cartridges (17) for rifles, pistols or bolt firing devices have only a slight degree of scatter in terms of gas pressure. Therefore the ejection speed of a piston (13) which is inserted into the ejector device (6) and which is driven by the powder propellant gases of the blank cartridge (17) is always the same. In that way it is always possible to achieve the same firing ranges of only a few meters.

IPC 1-7

**F42B 8/20**

IPC 8 full level

**F41A 33/00** (2006.01); **F42B 8/20** (2006.01)

CPC (source: EP KR US)

**F42B 8/00** (2013.01 - KR); **F42B 8/20** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE DE ES GB IT

DOCDB simple family (publication)

**EP 0469490 A1 19920205; EP 0469490 B1 19940518**; AT E105930 T1 19940615; AU 639648 B2 19930729; AU 8122491 A 19920206; DE 4024540 A1 19920206; DE 59101654 D1 19940623; IL 99044 A0 19920715; IL 99044 A 19941128; JP H04227492 A 19920817; KR 0152274 B1 19981015; KR 920004811 A 19920328; US 5129325 A 19920714

DOCDB simple family (application)

**EP 91112651 A 19910727**; AT 91112651 T 19910727; AU 8122491 A 19910723; DE 4024540 A 19900802; DE 59101654 T 19910727; IL 9904491 A 19910801; JP 19068391 A 19910704; KR 910012745 A 19910725; US 73818791 A 19910730