

Title (en)

Adapter element for firing a mortar grenade from a gun barrel

Title (de)

Adapter für ein Mörsergeschoss in einem Geschützlauf

Title (fr)

Dispositif d'adaptation d'un obus de mortier dans un canon

Publication

**EP 1712873 A1 20061018 (FR)**

Application

**EP 06290474 A 20060323**

Priority

FR 0503665 A 20050413

Abstract (en)

The adapter consists of a cylindrical case (2) with an inner diameter more or less the same as the calibre of the shell. The rear end of the case, designed to fit against the gun's breech, is closed by a base (3) containing an initiator (4) for the shell's propellant charge (7), which can be mechanical, electromechanical or pyrotechnic. The case and its base form a sleeve with a combined length more or less equal to that of the gun's firing chamber.

IPC 8 full level

**F42B 5/02** (2006.01); **F42B 30/10** (2006.01)

CPC (source: EP)

**F42B 5/02** (2013.01); **F42B 30/10** (2013.01)

Citation (applicant)

- EP 0954742 A1 19991110 - PATRIA VAMMAS OY [FI]
- WO 2004003454 A1 20040108 - PATRIA VAMMAS OY [FI], et al
- EP 0759146 A1 19970226 - BOFORS LIAB AB [SE]

Citation (search report)

- [Y] GB 924062 A 19630424 - ENERGA
- [Y] FR 1334281 A 19630802 - DYNAMIT NOBEL AG
- [A] US 2872864 A 19590210 - BARNES GLADEON M, et al
- [A] FR 1404877 A 19650702 - DYNAMIT NOBEL AG

Cited by

FR2914991A1; FR2915564A1; JP2011511252A; JP2011511251A; AU2009208919B2; US8590452B2; US8550002B2; WO2009095540A1; WO2009095539A1; US11656063B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1712873 A1 20061018**; FR 2884603 A1 20061020; FR 2884603 B1 20101008

DOCDB simple family (application)

**EP 06290474 A 20060323**; FR 0503665 A 20050413