

Title (en)

Damping device for built-in parts in penetrators

Title (de)

Dämpfungsvorrichtung für Einbauteile in Penetratoren

Title (fr)

Dispositif d'amortissement pour pièces d'insertion dans des pénétrateurs

Publication

**EP 2314980 A2 20110427 (DE)**

Application

**EP 10013800 A 20101020**

Priority

DE 102009050162 A 20091021

Abstract (en)

The device has a damping layer (3) sectionally extended over length of a mounting part (2) in a longitudinal direction (7a) of a penetrator, where the damping layer is attached to a casing (1). The damping layer is firmly connected with the casing of the penetrator at an outer side of the mounting part. The damping layer comprises openings at an outer surface of the damping layer. The openings correspond to circumferential devices with a toothed cross-section on an interior side of the casing of the penetrator or an outer side of the mounting part in a form-fit manner.

Abstract (de)

Hochfrequente mechanische Belastungen der Einbauteile (2,6) eines Penetrators (P) werden beim Aufprall auf ein Ziel mittels der vorgeschlagenen Dämpfungsvorrichtung (3,4a,4b) auf einfache Weise erheblich vermindert.

IPC 8 full level

**F42B 12/06** (2006.01); **F42B 12/74** (2006.01)

CPC (source: EP)

**F42B 12/06** (2013.01); **F42B 12/74** (2013.01)

Citation (applicant)

DE 102005009931 B3 20060928 - TDW VERTEIDIGUNGSTECH WIRKSYS [DE]

Cited by

WO2017103741A1; US10330448B2; EP3537094A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2314980 A2 20110427**; **EP 2314980 A3 20140416**; **EP 2314980 B1 20150318**; DE 102009050162 A1 20110428; DK 2314980 T3 20150629; ES 2538124 T3 20150617

DOCDB simple family (application)

**EP 10013800 A 20101020**; DE 102009050162 A 20091021; DK 10013800 T 20101020; ES 10013800 T 20101020