

Title (en)
Protective element for an object in particular against shaped charge weapons

Title (de)
Schutzmodul für ein Objekt gegen insbesondere Hohlladungsgeschosse

Title (fr)
Élément de protection pour un objet, notamment contre des projectiles à charge creuse

Publication
EP 2290317 A3 20130306 (DE)

Application
EP 10007889 A 20100729

Priority
DE 102009038630 A 20090826

Abstract (en)
[origin: EP2290317A2] The protective module has sequentially arranged and/or superposed plates (P1-Pn) for forming distributed capacitances on stationary or movable objects, where the protective module is sub-divided into a set of protective part modules. The protective part modules are connected to each other. Dielectric ceramics are provided between individual plates of the plates. Charging voltages (Uo) are supplied by capacitors (C1-Cn). The capacitors are centrally arranged in the protective module for distribution of the capacitances.

IPC 8 full level
F41H 5/04 (2006.01); **F41H 5/007** (2006.01)

CPC (source: EP US)
F41H 5/007 (2013.01 - EP US); **F41H 5/0421** (2013.01 - EP US)

Citation (search report)

- [X] JP 2002295996 A 20021009 - MITSUBISHI HEAVY IND LTD
- [A] DE 3636545 B3 20071004 - DEUTSCH FRANZ FORSCH INST [FR]
- [A] BG 566 Y1 20020930 - INST METALOZNANIE PRI BAN [BG]

Cited by
NL2012932B1; US9897418B2; WO2015187013A1; EP3149427B1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2290317 A2 20110302; EP 2290317 A3 20130306; EP 2290317 B1 20200219; CA 2713698 A1 20110226; CA 2713698 C 20200421; DE 102009038630 A1 20110428; DK 2290317 T3 20200427; ES 2785704 T3 20201007; HU E048647 T2 20200728; PL 2290317 T3 20200810; US 2011048221 A1 20110303

DOCDB simple family (application)
EP 10007889 A 20100729; CA 2713698 A 20100823; DE 102009038630 A 20090826; DK 10007889 T 20100729; ES 10007889 T 20100729; HU E10007889 A 20100729; PL 10007889 T 20100729; US 86858810 A 20100825