

Title (en)
Floor protection

Title (de)
Bodenschutz

Title (fr)
Dispositif de protection d'un plancher

Publication
EP 2325595 A2 20110525 (EN)

Application
EP 10192193 A 20101123

Priority
• IL 20227509 A 20091123
• IL 20227510 A 20100829

Abstract (en)
A system (12) for use in a construction (10) which comprises a compartment (26) to be protected from an explosive threat (14) incoming from an expected threat direction (54). The construction (10) further comprises a surface (38) disposed in front of the compartment (26) relative to the threat direction (54) and having at least a section (53) thereof expected to be impacted by the explosive threat (14), and a component (58) disposed between the surface (38) and the compartment (26). The system (12) comprises an elongated element (62) and two cables (64A,64B). The elongated element (62) has two end portions (70A,70B) and bendable portion (72) and being configured for mounting in the construction (10) so that at least a part of the bendable portion (72) is disposed between the section (53) and the compartment (26) and is configured to flex towards the compartment (26) to be protected, upon application thereto of a force caused by the explosive threat (14). Each cable (64A,64B) is connectable at one end thereof to the component (58), and at the other end thereof is connected to one of the ends of the elongated element (62) so that flexing of the bendable portion (72) towards the component causes pulling of the cables (64A,64B) by the ends of the elongated element (62) away from the component (58), thereby restricting the movement of the component (58) towards the compartment (26) to be protected.

IPC 8 full level
F41H 7/04 (2006.01)

CPC (source: EP)
F41H 7/042 (2013.01)

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Designated contracting state (EPC)
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