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(54) **Floor protection**

(57) 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.

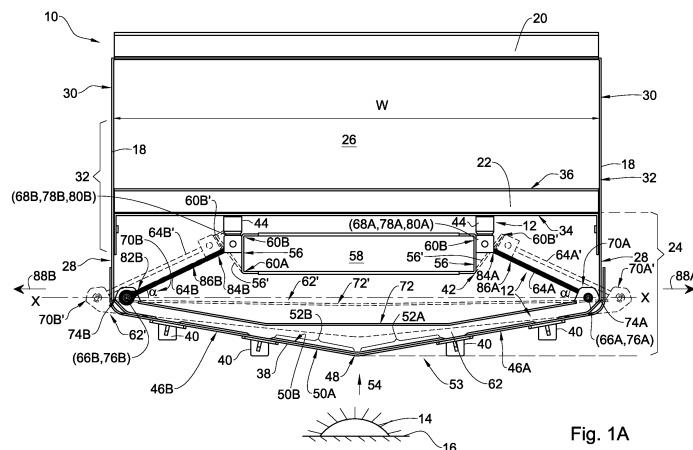


Fig. 1A

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82