

Title (en)
Safety container for self-propelled missile

Title (de)
Sicherheitsbehälter für selbstangetriebene Flugkörper

Title (fr)
Conteneur sécurisé pour munition autopropulsée notamment pour missile

Publication
EP 0733876 A1 19960925 (FR)

Application
EP 96460013 A 19960319

Priority
FR 9503522 A 19950320

Abstract (en)
The container, parallelepiped in shape and having an inner support with shock absorbers (81), has walls made in sandwich form, with an inner steel skin (20), a core (21) of a lightweight wood such as balsa, and an outer skin (22) of a composition material such as fibreglass resin. The container has one end wall of reduced strength to allow gases to escape in the event of accidental combustion of the missile propellant. The inner skin of the container has a reinforced section in the region of the missile warhead to protect against shrapnel, and the outer surfaces of its side walls have a thermal protection layer (25), made from a coating and an ablative material. The whole outer surface of the container can be coated with an intumescent paint.

Abstract (fr)
Le conteneur comprend une enveloppe étanche au sein de laquelle est suspendu un châssis (9) pour recevoir un ensemble formé d'un missile et de son berceau (9). Les parois de l'enveloppe consistent en un sandwich comportant une peau interne, une âme en balsa et une peau externe en composite verre-résine (CVR). L'enveloppe comporte supérieurement un blindage balistique (24) et elle présente une paroi fragilisée (4), ainsi qu'un dispositif pare-éclats, s'agissant d'un renfort (23) de la peau interne en acier au droit de la charge du missile. Le berceau (9) du missile est pourvu d'un dispositif anti-poussée. <IMAGE>

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