

Title (en)
IMPACT-PROTECTION CELL FOR AIR AND LAND VEHICLES.

Title (de)
SICHERHEITSFAHRZEUGZELLE.

Title (fr)
HABITACLE DE SECURITE POUR VEHICULES AERIENS ET TERRESTRES.

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Application
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DE 4037485 A 19901124

Abstract (en)
[origin: WO9209456A1] The invention concerns an impact-protection cell (12) with an impact-sensitive interior (10) and a cell wall (30), exposed to impacts, surrounding this interior. The aim of the invention is to improve the cell so that, in the event of an impact, as much of the impact energy as possible will be absorbed. To achieve this, the invention proposes that the wall of the cell which is exposed to impacts is fitted with an inflatable airbag (26) which, in the normal (stowed) position, is folded against the cell wall and which, in the impact-reduction position, is unfolded to extend beyond the exterior of part of the cell wall.

Abstract (fr)
Afin d'améliorer un habitacle de véhicule (12) comportant un intérieur (10) sensible aux chocs ainsi qu'une paroi d'habitable (30) à risque de collision entourant ledit intérieur, de telle manière que cette dernière absorbe en cas de choc sur un corps autant d'énergie de collision que possible, il est proposé que la paroi d'habitable (30) à risque de collision soit munie d'un sac antichoc gonflable (26), que ledit sac soit, en position normale, plié et disposé contre la paroi d'habitable, et qu'il soit déployé dans une position d'absorption de choc et s'étende au-delà d'une face externe de la paroi d'habitable.

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