

Title (en)

PROTECTION SYSTEM FOR PROTECTING BUILDINGS FROM AIRPLANES CRASHING INTO THEM

Title (de)

SCHUTZSYSTEM ZUM SCHUTZ VON GEBÄUDEN VOR FLUGZEUGABSTÜRZEN

Title (fr)

SYSTÈME DE PROTECTION PERMETTANT DE PROTÉGER DES BÂTIMENTS CONTRE DES CHUTES D'AVION

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Application

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Abstract (en)

[origin: CA3048763A1] The invention relates to a protection system (20) for protecting a building from airplanes crashing into them and similar high-energy impacts, having a three-dimensional protective grid (22) mounted in front of a building wall (24) at a distance thereto, and which comprises supports (1 - 5) which are interconnected. The aim of the invention is to improve said type of protection system such that even impacts of heavy four-engine aircraft, for example a Boeing 747 or airbus A380, does not destroy the integrity of the building protected by that system. This is achieved such that the protective grid (22) is supported on the building wall (24) by a plurality of plastically deformable, energy absorbing elements (32).

IPC 8 full level

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