

Title (en)
Support for explosion-resistant panels

Title (de)
Stütze für explosionsssichere Platten

Title (fr)
Support pour panneaux résistants aux explosions

Publication
EP 2239407 A2 20101013 (EN)

Application
EP 10158318 A 20100330

Priority
IT MI20090599 A 20090410

Abstract (en)
A support (1) for an explosion-resistant panel (2) comprises at least one dissipating member (4) and members (1a, 1b 1c, 1d, 1e; 5a, 7a) suitable for contacting and/or connecting the support (1) to the panel (2) and the main frame (3) of a building respectively, the support (1) being suitable to transmit a blast force generated by an explosion along a stress axis (A) passing through the contacting and/or connecting members (1a, 1b; 1c, 1d, 1e; 5a, 7a), the sections of the dissipating member (4) transversally arranged with respect to said stress axis (A) having a variable surface area along the stress axis (A). The function mathematically representing the profile of the dissipating member (4) along the stress axis (A) comprises one or more discontinuity points and the portions of the dissipating member (4) resulting from such discontinuous profile are made of the same or different materials.

IPC 8 full level
E06B 5/12 (2006.01)

CPC (source: EP)
E06B 5/12 (2013.01)

Citation (applicant)
• US 7406806 B2 20080805 - HALLISSY GERALD [US], et al
• DE 20307778 U1 20031016 - HAVERKAMP BERNHARD [DE]
• DE 8703099 U1 19870723
• FR 2410119 A1 19790622 - MINEUR BECOURT [FR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2239407 A2 20101013; IT 1395342 B1 20120914; IT MI20090599 A1 20101011

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