

Title (en)

LOAD SUPPORTING PANEL HAVING IMPACT ABSORBING STRUCTURE

Title (de)

LASTENTRAGEPLATTE MIT AUFPRALLDÄMPFUNGSSTRUKTUR

Title (fr)

PANNEAU DE SUPPORT DE CHARGE COMPRENANT UNE STRUCTURE ANTICHOC

Publication

**EP 2534303 B1 20161116 (EN)**

Application

**EP 11742846 A 20110211**

Priority

- US 30335010 P 20100211
- US 83090210 A 20100706
- US 2011024475 W 20110211

Abstract (en)

[origin: WO2011100514A2] An impact absorption panel is adapted for playground use and comprises a panel section and a plurality of projections. The panel section is defined by a top surface and a bottom surface. The plurality of projections extend from the bottom surface of the panel section. The plurality of projections have a first stage and a second stage. The first stage is configured to collapse initially when subjected to an impact load. The second stage is configured to provide greater resistance to the impact load than the first stage. The panel section is configured to provide greater resistance to the impact load than the first and second stages. The first stage can also be distinguished from the second stage by virtue of having a comparatively smaller volume.

IPC 8 full level

**E01C 13/04** (2006.01); **E01C 5/00** (2006.01); **E01C 13/00** (2006.01)

CPC (source: EP KR)

**E01C 5/00** (2013.01 - KR); **E01C 13/00** (2013.01 - KR); **E01C 13/04** (2013.01 - KR); **E01C 13/045** (2013.01 - EP); **E04F 15/18** (2013.01 - EP); **E04F 15/182** (2013.01 - EP); **E04F 15/185** (2013.01 - EP); **E01C 2201/10** (2013.01 - EP)

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