

Title (en)
PANEL MOUNTING SYSTEM

Title (de)
PLATTENMONTAGESYSTEM

Title (fr)
SYSTÈME DE MONTAGE DE PANNEAU

Publication
EP 2531782 A1 20121212 (EN)

Application
EP 11703479 A 20110203

Priority
• GB 201001892 A 20100205
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Abstract (en)
[origin: GB2477539A] A panel mounting system for mounting a panel 2 (particularly a solar panel) to a structure 3. A load element 9 connects a panel retaining bracket 5 to the roof structure and plastically deforms upon application of a predetermined threshold load to the load element. The load element is typically an elongate strut which has a cranked 9a initial condition 9a and elongates during plastic deformation. In use, damage to the roof due to upward forces in strong winds is prevented and it is easy to see when damage has occurred to the strut and replacement is necessary.

IPC 8 full level
E04B 2/88 (2006.01); **E04F 13/08** (2006.01); **F24J 2/52** (2006.01)

CPC (source: EP GB US)
E04B 2/88 (2013.01 - EP US); **E04D 3/3608** (2013.01 - GB); **E04F 13/0805** (2013.01 - EP US); **E04F 13/0814** (2013.01 - EP US); **E04F 13/0821** (2013.01 - EP US); **E04F 13/0841** (2013.01 - GB); **F24S 25/10** (2018.04 - GB); **F24S 25/613** (2018.04 - EP US); **F24S 40/85** (2018.04 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US)

Citation (search report)
See references of WO 2011095808A1

Designated contracting state (EPC)
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GB 201001892 D0 20100324; **GB 2477539 A 20110810**; AU 2011212250 A1 20120802; BR 112012019281 A2 20160503; CA 2786967 A1 20110811; CN 102770723 A 20121107; EP 2531782 A1 20121212; GB 201212255 D0 20120822; GB 2490060 A 20121017; US 2013036683 A1 20130214; WO 2011095808 A1 20110811; ZA 201205617 B 20130424

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