

Title (en)
LIGHT BUILDING PANEL WITH HIDDEN CONNECTION AND METHOD OF MAKING OF HIDDEN CONNECTION OF LIGHT BUILDING PANELS

Title (de)
LEICHTE BAUPLATTE MIT UNSICHTBARER VERBINDUNG UND VERFAHREN ZUR HERSTELLUNG EINER SOLCHEN VERBINDUNG

Title (fr)
PANNEAUX DE CONSTRUCTION LEGERS AVEC CONNEXION CACHEE ET PROCEDE DE FABRICATION DE CES CONNEXIONS CACHEES

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Application
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Abstract (en)
[origin: WO0177457A1] The subject of this invention is Light building panel with hidden connection and method of making of hidden connection of light building panels which solves above described technical problem. The essence of the invention is in covering of connecting means of an adjacent light building panel with parts of the first light building panel while at the same time load (stress) distributing elements (e.g. washers) are used to distribute the forces on the panels in event of e.g. wind. The distributing element enables distribution of the force onto larger surface so the allowable stresses are not exceeded. When comparing the proposed solution to already existing ones (even when applied to light building panels with relatively rigid cores such as polyurethane) one needs to emphasize the advantage of proposed system when compared to fire safety of existing connections.

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