

Title (en)
SANDWICH PANEL and METHOD OF BUILDING SUCH A SANDWICH PANEL

Title (de)
SANDWICHPANEEL und VERFAHREN ZUR HERSTELLUNG SOLCH EINES SANDWICHPANEELS

Title (fr)
PANNEAU SANDWICH et PROCÉDÉ DE CONSTRUCTION D'UN TEL PANNEAU SANDWICH

Publication
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Application
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Abstract (en)
[origin: WO2013165235A1] The invention relates to a sandwich panel, comprising: -a core, comprising: -a plurality of zigzag-shaped first spacers extending in a first longitudinal direction, each first spacer comprising at each corner thereof a first loop; -a plurality of zigzag-shaped second spacers extending in the first longitudinal direction, each second spacer comprising at each corner thereof a second loop, each second loop having outer dimensions that are smaller than the inner dimensions of each first loop, -wherein the second loops of each second spacer extend through the first loops of an adjacent first spacer; -wherein the openings defined by the second loops of successive second spacers are registered in rows extending in a second longitudinal direction, which second longitudinal direction extends under an angle of at least 20° with respect to the first longitudinal direction; and -wherein the first spacers and the second spacers define a second zigzag-shape in the second longitudinal direction; -two skin layers arranged on opposite sides of the core, wherein each skin layer comprises a plurality of openings through which the second loops extend; -a plurality of rods, each rod extending through the openings of the second loops of each row at the outer surface of each skin layer such that each rod locks the second loops in the first loops with respect to the skin layer. The invention further relates to a method of building such a sandwich panel, a core of such a sandwich panel, and a building built of a plurality of such sandwich panels.

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