

Title (en)
INSULATED PANEL AND INTERLOCK MECHANISM THEREOF

Title (de)
ISOLIERTE PLATTE UND SPERRMECHANISMUS DAFÜR

Title (fr)
PANNEAU ISOLANT ET MÉCANISME DE VERROUILLAGE CORRESPONDANT

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Abstract (en)
[origin: WO2008074926A1] The invention relates to an interlock mechanism for insulated building panels (2, 3) and an insulated building panel (2, 3) having an interlocking mechanism, the interlock mechanism comprising one or more longitudinally extending tongue provided on a first side edge of a first panel (2), one or more longitudinally extending generally U-shaped or V-shaped or at least partially tapering shaped groove provided on a second side edge of the first panel (2), the tongues and grooves being arranged to be respectively joined with grooves and tongues of a like adjacently positioned second panel for interlocking the first panel (2) to a second panel (3). At least one tongue is provided with a resilient spring element deforming when received in the respective groove and generating a biasing force against the inner sidewalls of the groove through the deformation.

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CPC (source: EP)
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Citation (search report)

- [X] WO 0177457 A1 20011018 - TRIMO D D [SI], et al
- [X] US 5247770 A 19930928 - TING RAYMOND M L [US]
- [X] DE 8108886 U1 19810709
- [X] FI 841459 A 19850102 - HOESCH WERKE AG [DE]
- See references of WO 2008074926A1

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