

Title (en)

HIDDEN FASTENER UNIT AND RELATED METHOD OF USE

Title (de)

VERBORGENE BEFESTIGUNGSEINHEIT UND ZUGEHÖRIGES VERFAHREN ZUR VERWENDUNG

Title (fr)

UNITÉ DE FIXATION CACHÉE ET PROCÉDÉ D'UTILISATION ASSOCIÉ

Publication

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Application

EP 23177831 A 20180719

Priority

- US 201762545709 P 20170815
- US 201862635745 P 20180227
- US 201862674247 P 20180521
- US 201816011179 A 20180618
- US 2018042823 W 20180719
- US 201816011213 A 20180618
- EP 21169742 A 20180719
- EP 18750041 A 20180719

Abstract (en)

[origin: WO2019036146A1] A fastener unit (10; 110) and related method for securing a board (101) to a support (106) is provided. The fastener unit includes a spacer block (20; 120), a grip element (30; 130) extending from the spacer block and configured to fit in and engage a groove (103) of the board, and one or more resilient compression elements (41, 42; 141, 142) extending from the spacer block. The one or more resilient compression elements can be a joist leg configured to engage a joist (106), or it can be vertically compressible toward a first plane that is transverse to a vertical axis of the spacer block so that portions of it can compress from an open mode to a compressed mode and fit within, then forcibly expand within the groove (103), thereby securing the spacer block in a position adjacent the groove to establish a gap between the board and another board. A related method of use also is provided.

IPC 8 full level

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