

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

**EP 3892795 A1 20211013 (EN)**

Application

**EP 21169742 A 20180719**

Priority

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

Abstract (en)

A fastener unit and related method for securing a board (101) to a support(106) is provided. The fastener unit includes a spacer block, a grip element (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 extending from the spacer block. The one or more resilient compression elements can be a joist leg (141) configured to engage a joist, 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, 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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CPC (source: EP)

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Citation (search report)

- [XAI] US 2005063771 A1 20050324 - HARRIS G STEVEN [US]
- [A] DE 202014004575 U1 20140721 - RENSBURG MARKUS [DE]
- [A] EP 2995744 A2 20160316 - EHRENREICH STEFAN [DE]
- [A] US 2004045244 A1 20040311 - HAFNER ROBERT [US]
- [A] DE 202014006016 U1 20140910 - RENSBURG MARKUS [DE]

Designated contracting state (EPC)

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