

Title (en)

Apparatus and method for use in building a second wall onto an existing wall.

Title (de)

Vorrichtung und Verfahren zum Anschliessen einer Wand an eine bereits vorhandene Wand.

Title (fr)

Dispositif et méthode à utiliser dans la construction d'une paroi sur une paroi préexistente.

Publication

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Application

EP 85304918 A 19850710

Priority

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- GB 8419009 A 19840725
- GB 8421803 A 19840829
- GB 8424900 A 19841003

Abstract (en)

Method and apparatus for building onto a first wall a second wall of brick or building components in which an elongate metal attachment member is fastened to the first wall, the attachment member being stamped to provide means for use in tying that member to the end components of the second wall. The attachment member (10) has transverse straps (24) defining vertical guide slots (25) each of which can slidably receive the vertical limb (34) of a tie member (30) having a horizontal limb (32) to be embedded in the mortar between courses of the second wall. The limits of vertical motion of the tie member (30) are determined by its vertical dimension. The sides of the tie member's horizontal limb (32) comprise a plurality of teeth (42). The attachment member (10) can have a projecting side limb (14) to provide an alignment surface for the side faces of the second wall's end components. Due to the stamped out transverse straps (24), the L-section alignment member (10, 14) thus formed is non-handed and can be utilised with its alignment surface (14) either on the left or on the right of the second wall. Additionally or alternatively, the attachment member (10) can have means (19) in the vicinity of its fixing apertures (20) to act as a restraint against bowing of the attachment member (in the vertical and/or horizontal direction) due to over-tightening of the fixing means, e.g. screw-threaded fasteners, used for attaching attachment member (10) to the first wall.

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IPC 8 full level

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CPC (source: EP)

E04B 1/4178 (2013.01)

Citation (search report)

- [A] US 2898758 A 19590811 - HENRICKSON HENRY G
- [A] US 4021990 A 19770510 - SCHWALBERG BERNARD J
- [A] GB 2132073 A 19840704 - CATNIC COMPONENTS LTD
- [A] GB 2044330 A 19801015 - ASSET BUILDING COMPONENTS LTD
- [A] US 3389525 A 19680625 - BRUCE MOODY WILLARD
- [AD] GB 1604941 A 19811216 - FURR D

Cited by

US2010071306A1; DE9000919U1; GB2206139A; GB2206139B; EP0252696A3; GB2194263A; GB2194263B; DE3608947A1; US8015769B2

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