

Title (en)  
CONNECTION AND ALIGNMENT OF BUILDING ELEMENTS

Title (de)  
VERBINDUNG UND AUSRICHTUNG VON BAUELEMENTEN

Title (fr)  
CONNEXION ET ALIGNEMENT D'ÉLÉMENTS DE CONSTRUCTION

Publication  
**EP 3409854 A1 20181205 (EN)**

Application  
**EP 18175848 A 20180604**

Priority  
GB 201708885 A 20170603

Abstract (en)  
A linkage assembly enables an interior building element, such as a concrete slab or wooden joist, to be connected to and aligned with an exterior building element, such as a balcony. The assembly comprises a flat metal plate 100 having a plurality of holes 120, 150, 170 and jigsaw profiled ends 110. In one arrangement, some of the holes receive reinforcing bars to enable the plate 100 to be cast into an edge face of a concrete slab. In another arrangement, some of the holes receive bolts to secure the plate 100 to a pre-cast slab. In yet another arrangement, some of the holes are used to secure the plate 100 to T-plates which are sandwiched between and secured to wooden joists. Other holes on the plate 100 receive and align connectors, such as brackets and thermal breaks, for connection to an exterior building element.

IPC 8 full level  
**E04B 1/00** (2006.01)

CPC (source: EP GB)  
**E04B 1/0038** (2013.01 - EP GB)

Citation (search report)

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Cited by  
GB2597967A; GB2597967B

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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