

Title (en)
Structural members for buildings and interconnection arrangements for such members

Title (de)
Strukturelement für Gebäude und seiner Verbindungsanordnung

Title (fr)
Élément structurel pour bâtiment et son agencement de connexion

Publication
EP 1348819 A1 20031001 (EN)

Application
EP 03447029 A 20030218

Priority
• EP 03447029 A 20030218
• EP 02447046 A 20020327

Abstract (en)
A method of manufacturing a framed structure is described comprising at least a first and a second substantially parallel main elongate structural members with at least one secondary elongate structural member joined between the two main members in a load bearing manner, the main members being separated by a fixed distance and an opening being provided which extends part way along a side face of each main member; the method comprising: inserting a first protrusion located on a first end of the secondary structural member in the opening of the first main member by moving the secondary structural member along a first direction parallel with the longitudinal axis of the secondary member, inserting a second protrusion located on a second end of the secondary structural member in the opening of the second main member by moving the secondary member along a second direction which is the reverse direction of the first direction, interconnecting the secondary member with the main members by a movement of said secondary member to bring the ends of the secondary member into a predetermined position on said main members, said openings and said first and second protrusions co-operating to prevent disengagement of said secondary member from said predetermined position other than by reversal of said movement. <IMAGE>

IPC 1-7
E04B 9/12; **E04B 5/14**; **E04B 7/02**

IPC 8 full level
E04B 5/14 (2006.01); **E04B 7/02** (2006.01); **E04B 9/12** (2006.01)

CPC (source: EP)
E04B 5/14 (2013.01); **E04B 7/024** (2013.01); **E04B 9/065** (2013.01); **E04B 9/122** (2013.01)

Citation (search report)
• [XA] GB 1431312 A 19760407 - ELWELL SECTIONS LTD
• [XA] GB 1279863 A 19720628 - WARD BROS SHERBURN LTD
• [A] GB 2097038 A 19821027 - WARD BROS SHERBURN LTD
• [AD] US 3138227 A 19640623 - GORDON KERWIN E
• [AD] US 3283467 A 19661108 - HENRY ZNAMIROWSKI
• [A] US 5829908 A 19981103 - SLOWBE JOSEPH A [US]

Cited by
EP2216456A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1348819 A1 20031001

DOCDB simple family (application)
EP 03447029 A 20030218