

Title (en)
Section for structures and relative structure

Title (de)
Abschnitt für Strukturen und zugehörige Struktur

Title (fr)
Section pour structures et structure relative

Publication
EP 2374954 A3 20121003 (EN)

Application
EP 11160684 A 20110331

Priority
IT PD20100023 U 20100406

Abstract (en)
[origin: EP2374954A2] A section (4, 4') with a "T" profile comprising a rib (24) and a plate (28) which extends from a first to a second end (12, 16). The section (4,4',4") having, in proximity of at least one of said ends (12, 16) a coupling element (20) suitable to engage with a further section (4"), and the rib (24) comprising at least one engagement aperture (36) shaped to house said coupling element (20). Advantageously, the coupling element (20) comprises an attachment base (40) to the rib (24) which projects at least partially from the section (4,4',4") with a free end (44), and a tongue (48) elastically flexible and connected to the attachment base (40). The tongue (48) is bent towards the attachment base (40) at said free end (44) so as to form an angle of incidence with the attachment base (40), and is provided with a coupling hole (52) suitable to engage with at least a first tooth (56) of the engagement aperture (36).

IPC 8 full level
E04B 9/12 (2006.01)

CPC (source: EP US)
E04B 9/122 (2013.01 - EP US)

Citation (search report)
• [A] US 2004159064 A1 20040819 - OKUMURA MASAHIRO [JP]
• [A] WO 2004042162 A1 20040521 - ATENA S R L [IT], et al

Cited by
JP2013542348A; EP2447434B1

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

DOCDB simple family (publication)
EP 2374954 A2 20111012; EP 2374954 A3 20121003; EP 2374954 B1 20150701; ES 2549027 T3 20151022; IT PD20100023 U1 20111007; PL 2374954 T3 20151231; US 2011239576 A1 20111006

DOCDB simple family (application)
EP 11160684 A 20110331; ES 11160684 T 20110331; IT PD20100023 U 20100406; PL 11160684 T 20110331; US 201113081143 A 20110406