

Title (en)

System of truss structures for intermediate and heavy loads for forming, shoring, scaffolding or the like

Title (de)

Hoch- und Mittellastgitterstrukturbauweise für Schalung, Unterstützung und Gerüst

Title (fr)

Système de structures en treillis pour charges intermédiaires et lourdes pour coffrages, étayages et échafaudages

Publication

EP 1947259 A1 20080723 (EN)

Application

EP 07380009 A 20070117

Priority

EP 07380009 A 20070117

Abstract (en)

The invention relates to a system of truss structures for intermediate and heavy loads for forming, shoring, scaffolding or the like of the double T type made up of opposing metal C-shaped profiles with bent flanges and parallel purlins separated by equidistantly spaced reinforcing cross-members, consisting of two metal beams having different spans, each having a different section and each of them having different lengths respectively; they are made of sheet metal having a thickness that is proportional to their dimensions, having through lightening holes with a large diameter between the purlins and on their ends which are closed at the head by means of corresponding plates having an equal width and different section, also provided with lightening holes having a large diameter and separated by reinforcing cross-members which can be joined to one another and at the head by means of fixing holes having a smaller diameter.

IPC 8 full level

E04C 3/07 (2006.01); **E04G 11/50** (2006.01)

CPC (source: EP)

E04C 3/07 (2013.01); **E04G 11/50** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0447** (2013.01); **E04C 2003/0452** (2013.01); **E04C 2003/0491** (2013.01)

Citation (search report)

[DXA] EP 1566504 A1 20050824 - BARBA CASTRO JULIO ANGEL [ES]

Cited by

AU2004100226B4; NL2014337B1; US2016311665A1; US10669132B2; US10208438B2; WO2016137318A1; WO2022109683A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1947259 A1 20080723; **EP 1947259 B1 20180905**; ES 2700679 T3 20190218; PT 1947259 T 20181214

DOCDB simple family (application)

EP 07380009 A 20070117; ES 07380009 T 20070117; PT 07380009 T 20070117