

Title (en)
Aluminium scaffold beam

Title (de)
Gerüstträger aus Aluminium.

Title (fr)
Poutre d'échafaudage en aluminium

Publication
EP 1650376 A3 20080507 (DE)

Application
EP 05019614 A 20050909

Priority
AT 17922004 A 20041025

Abstract (en)
[origin: EP1650376A2] The girder is formed as an I-girder with a tubular top flange (1) and a tubular bottom flange (2) connected by a web (3). The web is formed as a hollow section, and the height of the web is greater than twice the diameter of the outer diameter of the flanges, and less than five times the outer diameter of the flanges. At least one undercut groove (12,13) extends in the longitudinal direction of the girder in the web connecting the flanges.

IPC 8 full level
E04G 1/12 (2006.01)

CPC (source: EP)
E04B 7/022 (2013.01); **E04C 3/06** (2013.01); **E04C 3/32** (2013.01); **E04G 1/12** (2013.01); **E04G 7/28** (2013.01); **E04G 11/48** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0465** (2013.01); **E04G 2007/285** (2013.01)

Citation (search report)
• [A] EP 0197201 A2 19861015 - ALUMA SYSTEMS [CA]
• [DA] US 5263296 A 19931123 - SPERA VITTORIO [CA]

Cited by
EP1947262A1; EP3591140A1; EP4102006A1; US2022268037A1; WO2019109134A1; WO2021010838A1; WO2022258764A1

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 YU

DOCDB simple family (publication)
EP 1650376 A2 20060426; EP 1650376 A3 20080507; AT 500952 A4 20060515; AT 500952 B1 20060515; AT 500952 B8 20070215

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EP 05019614 A 20050909; AT 17922004 A 20041025