

Title (en)
SHUTTERING FOR USE IN THE CONSTRUCTION INDUSTRY

Title (de)
SCHALUNG FÜR FLACHGRÜNDUNG

Title (fr)
COFFRAGE DESTINÉ À L'INDUSTRIE DE LA CONSTRUCTION

Publication
EP 2655749 B1 20150211 (EN)

Application
EP 11804768 A 20111221

Priority
• GB 201021914 A 20101223
• GB 2011052544 W 20111221

Abstract (en)
[origin: GB2486722A] Shuttering for use in casting a slab/beam over a substrate comprises a hollow support structure 2 defining a multiplicity of four-sided cells (8, 9 Figure 4) bounded by a first set of walls 6 extending across the structure in a first direction and a second set of walls 7 extending across the structure in a second direction transverse to the first direction. The support structure is placed on the substrate to support the slab during casting. The support structure is formed by a moulding process using expanded plastics material. The structure has a first supporting condition (Figure 6) in which the depth of the support structure is D, and a second collapsed condition (Figure 7) in which the depth of the support structure is d, wherein d is less than 0.38D. The shuttering may feature recesses which define passageways between adjacent cells.

IPC 8 full level
E02D 27/01 (2006.01); **E04G 9/08** (2006.01)

CPC (source: EP GB)
E02D 27/01 (2013.01 - EP); **E02D 27/013** (2013.01 - EP); **E02D 27/016** (2013.01 - EP); **E02D 31/10** (2013.01 - GB); **E02D 31/14** (2013.01 - GB); **E04G 9/05** (2013.01 - GB); **E04G 9/08** (2013.01 - GB); **E04G 9/086** (2013.01 - EP); **E04G 9/10** (2013.01 - GB)

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

DOCDB simple family (publication)
GB 201021914 D0 20110202; GB 2486722 A 20120627; GB 2486722 B 20171004; EP 2655749 A2 20131030; EP 2655749 B1 20150211; EP 2655749 B8 20150422; EP 2907924 A1 20150819; EP 2907924 B1 20160914; EP 2907924 B2 20191009; ES 2536642 T3 20150527; ES 2603081 T3 20170223; ES 2603081 T5 20200528; WO 2012085569 A2 20120628; WO 2012085569 A3 20130510

DOCDB simple family (application)
GB 201021914 A 20101223; EP 11804768 A 20111221; EP 15153643 A 20111221; ES 11804768 T 20111221; ES 15153643 T 20111221; GB 2011052544 W 20111221