

Title (en)

Shuttering for use in the construction industry

Title (de)

Schalung für die Baubranche

Title (fr)

Coffrage destiné à une utilisation dans l'industrie de la construction

Publication

**EP 2907924 A1 20150819 (EN)**

Application

**EP 15153643 A 20111221**

Priority

- GB 201021914 A 20101223
- EP 11804768 A 20111221
- GB 2011052544 W 20111221

Abstract (en)

Shuttering for use in casting a slab/beam over a substrate comprises a hollow support structure defining a multiplicity of four-sided cells (8, 9) 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 able to be placed on the substrate to support the slab/beam during casting. The support structure is formed with its spaced apart walls (6, 7) by a moulding process and is moulded from expanded plastics material. The structure has a first supporting condition in which the depth of the support structure is D and a second collapsed condition in which the depth of the support structure is d, wherein d is less than 0.38D.

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)

Citation (search report)

- [AD] GB 2241976 A 19910918 - CORDEK LTD [GB]
- [A] AU 2009201776 A1 20091119 - MARTINO FRANCESCO ANTONIO [AU]
- [A] US 5339578 A 19940823 - SMERCHANSKI THOMAS C [CA], et al

Designated contracting state (EPC)

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**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

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