

Title (en)  
SHUTTERING PANEL FOR CONCRETE FORMWORKS

Title (de)  
SCHALTAFEL FÜR BETONIERUNGSSCHALUNGEN

Title (fr)  
PLATEAU DE COFFRAGE POUR COFFRAGES DE BÉTON

Publication  
**EP 3176347 B1 20200226 (DE)**

Application  
**EP 16205457 A 20140709**

Priority  
• DE 102013107303 A 20130710  
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Abstract (en)  
[origin: CA2917566A1] A formwork panel for concreting formworks which has a support structure and a separate formwork lining connected to the support structure, characterized in that the support structure consists essentially of plastics; and in that the formwork lining, which is formed by a single formwork lining element made essentially of plastics or by a plurality of formwork lining elements which are each made essentially of plastics, is detachably connected to the support structure.

IPC 8 full level  
**E04G 9/05** (2006.01); **E04G 11/08** (2006.01)

CPC (source: EA EP IL KR US)  
**E04G 9/05** (2013.01 - EA EP IL KR US); **E04G 11/08** (2013.01 - EA EP IL KR US); **E04G 11/38** (2013.01 - EA EP IL KR US); **E04G 11/50** (2013.01 - EA EP IL KR); **E04G 17/001** (2013.01 - EA EP IL); **E04G 17/02** (2013.01 - EA EP IL KR); **E04G 21/0463** (2013.01 - KR); **E04G 11/50** (2013.01 - US); **E04G 17/001** (2013.01 - US); **E04G 17/02** (2013.01 - US); **E04G 2009/028** (2013.01 - EA EP IL KR US)

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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

DOCDB simple family (publication)  
**DE 102013107303 A1 20150115; DE 102013107303 B4 20240606;** AR 096853 A1 20160203; AR 115911 A2 20210310; AR 115912 A2 20210310; AU 2014289215 A1 20160204; AU 2014289215 B2 20180322; AU 2018204337 A1 20180705; AU 2018204337 B2 20200402; AU 2018204338 A1 20180705; AU 2018204338 B2 20200312; BR 112016000321 A2 20170725; BR 112016000321 B1 20220308; CA 2917566 A1 20150115; CA 2917566 C 20201103; CL 2016000012 A1 20160930; CN 105452580 A 20160330; CN 105452580 B 20211203; CN 113700291 A 20211126; CN 113700291 B 20240105; DK 3176347 T3 20200525; EA 034756 B1 20200317; EA 201690190 A1 20160531; EA 202090050 A2 20200430; EA 202090050 A3 20200731; EA 202090051 A2 20200430; EA 202090051 A3 20200731; EP 3019678 A1 20160518; EP 3019678 B1 20180425; EP 3173546 A1 20170531; EP 3173546 B1 20190313; EP 3176347 A1 20170607; EP 3176347 B1 20200226; EP 3176348 A1 20170607; EP 3176348 B1 20191218; EP 3327219 A1 20180530; EP 3327219 B1 20190904; ES 2680939 T3 20180911; ES 2730107 T3 20191108; ES 2759581 T3 20200511; ES 2778626 T3 20200811; HR P20181040 T1 20180907; HR P20191035 T1 20190906; HU E051324 T2 20210301; IL 243316 A0 20160229; IL 272984 A 20200430; IL 272984 B 20210831; IL 272985 A 20200430; IL 272985 B 20210831; JP 2016532026 A 20161013; JP 2020002768 A 20200109; JP 6574765 B2 20190911; JP 6956151 B2 20211027; KR 102129560 B1 20200703; KR 20160041897 A 20160418; KR 20200096259 A 20200811; KR 20200096260 A 20200811; MA 38756 A1 20161230; MA 38756 B1 20170929; MX 2016000096 A 20160803; MX 367877 B 20190910; MY 196236 A 20230324; NZ 715417 A 20190830; PE 20160422 A1 20160513; PH 12016502613 A1 20200309; PL 3019678 T3 20181130; PL 3173546 T3 20191129; RS 59630 B1 20200131; SA 516370381 B1 20220920; SG 10201707749P A 20171030; SG 10201707754V A 20171129; SG 11201600117W A 20160226; TR 201810172 T4 20180827; TR 201908569 T4 20190722; US 10465397 B2 20191105; US 10890001 B2 20210112; US 2016244984 A1 20160825; US 2020063450 A1 20200227; WO 2015004188 A1 20150115; ZA 201600044 B 20220330; ZA 201800304 B 20190731; ZA 201800305 B 20190731

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**DE 102013107303 A 20130710;** AR P140102536 A 20140708; AR P190102221 A 20190805; AR P190102222 A 20190805; AU 2014289215 A 20140709; AU 2018204337 A 20180618; AU 2018204338 A 20180618; BR 112016000321 A 20140709; CA 2917566 A 20140709; CL 2016000012 A 20160106; CN 201480039443 A 20140709; CN 202110952940 A 20140709; DK 16205457 T 20140709; EA 201690190 A 20140709; EA 202090050 A 20140709; EA 202090051 A 20140709; EP 14739761 A 20140709; EP 16205457 A 20140709; EP 16205463 A 20140709; EP 16205468 A 20140709; EP 17210266 A 20140709; EP 2014064721 W 20140709; ES 14739761 T 20140709; ES 16205463 T 20140709; ES 16205468 T 20140709; ES 17210266 T 20140709; HR P20181040 T 20180705; HR P20191035 T 20190607; HU E16205457 A 20140709; IL 24331615 A 20151224; IL 27298420 A 20200301; IL 27298520 A 20200301; JP 2016524811 A 20140709; JP 2019149718 A 20190819; KR 20167000550 A 20140709; KR 20207018621 A 20140709; KR 20207018622 A 20140709; MA 38756 A 20140709; MX 2016000096 A 20140709; MY P12016700053 A 20140709; NZ 71541714 A 20140709; PE 2015002681 A 20140709; PH 12016502613 A 20160108; PL 14739761 T 20140709; PL 16205463 T 20140709; RS P20191557 A 20140709; SA 516370381 A 20160110; SG 10201707749P A 20140709; SG 10201707754V A 20140709; SG 11201600117W A 20140709; TR 201810172 T 20140709; TR 201908569 T 20140709; US 201414903971 A 20140709; US 201916672848 A 20191104; ZA 201600044 A 20160104; ZA 201800304 A 20180116; ZA 201800305 A 20180116