

Title (en)
FORMWORK ELEMENT

Title (de)
SCHALUNGSELEMENT

Title (fr)
ÉLÉMENT DE COFFRAGE

Publication
EP 3589801 B1 20210407 (DE)

Application
EP 18713569 A 20180302

Priority
• AT 782017 A 20170302
• EP 2018055177 W 20180302

Abstract (en)
[origin: WO2018158432A1] The invention relates to a formwork element (1) having a theft protection, wherein a base layer (4) is applied onto at least one surface of the formwork element (1), and wherein at least one signal module (3) for communication with at least one base station is provided, the base layer (4) being designed in a water-tight manner, and wherein an at least partially porous concrete-repellent separating layer (5) is provided above the base layer (4).

IPC 8 full level
E04G 9/05 (2006.01); **E04G 9/10** (2006.01)

CPC (source: AT EP KR RU US)
B28B 7/0005 (2013.01 - US); **B28B 7/0055** (2013.01 - RU); **E04G 9/02** (2013.01 - AT); **E04G 9/05** (2013.01 - AT EP KR US); **E04G 9/10** (2013.01 - AT EP KR RU US); **E04G 9/06** (2013.01 - US); **E04G 17/00** (2013.01 - US); **E04G 2009/025** (2013.01 - US); **E04G 2009/028** (2013.01 - US)

Designated contracting state (EPC)
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)
WO 2018158432 A1 20180907; AT 518244 A2 20170815; CA 3055000 A1 20180907; CN 110832152 A 20200221; EP 3589801 A1 20200108; EP 3589801 B1 20210407; ES 2881778 T3 20211130; JP 2020514593 A 20200521; KR 20190131041 A 20191125; MX 2019010270 A 20191219; PL 3589801 T3 20211122; RU 2019130862 A 20210402; RU 2019130862 A3 20210701; RU 2752859 C2 20210811; SA 519410003 B1 20220508; US 11053698 B2 20210706; US 2020248465 A1 20200806

DOCDB simple family (application)
EP 2018055177 W 20180302; AT 782017 A 20170302; CA 3055000 A 20180302; CN 201880026889 A 20180302; EP 18713569 A 20180302; ES 18713569 T 20180302; JP 2019547987 A 20180302; KR 20197028170 A 20180302; MX 2019010270 A 20180302; PL 18713569 T 20180302; RU 2019130862 A 20180302; SA 519410003 A 20190901; US 201816489714 A 20180302