Title (en)
COVER

Title (de)
ABDECKUNG

Title (fr)
COUVERCLE

Publication
EP 2904166 A1 20150812 (DE)

Application
EP 13762089 A 20130909

Priority
- DE 102012108392 A 20120910
- EP 2013068537 W 20130909

Abstract (en)
[origin: WO2014037544A1] Covers for structures, for example drainage channels or the like, which can be installed into a floor are known, said covers comprising a surface (11) which can be accessed and driven over and which comprises a flat structure (13) on a first lower plane and elevations (14) with top surfaces lying above the flat structure (13) on a second higher plane. The aim of the invention is to improve the non-slip properties and to achieve a self-cleaning effect. This is achieved in that the top surfaces (15) have an anti-slip surface structure which comprises a plurality of individual elevations. The ratio of the air volume below the individual elevations (16) to the volume of the individual elevations (16) is Vv/Vm=(0.01 to 0.5)/(0.001 to 0.05).

IPC 8 full level
E03F 5/06 (2006.01); **E02D 29/14** (2006.01); **E04H 4/12** (2006.01)

CPC (source: CN EP US)
E02D 29/14 (2013.01 - EP US); **E02D 29/1409** (2013.01 - EP US); **E02D 29/1436** (2013.01 - EP US); **E03F 5/02** (2013.01 - US); **E03F 5/06** (2013.01 - CN EP US); **E04H 4/1227** (2013.01 - CN); E04H 4/1227 (2013.01 - EP US)

Citation (search report)
See references of WO 2014037544A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014037544 A1 20140313; AU 2013311585 A1 20150423; AU 2013311585 B2 20170706; BR 112015005174 A2 20170704; BR 112015005174 B1 20210525; CN 104619931 A 20150513; CN 104619931 B 20170308; DE 102012108392 A1 20140528; DK 2904166 T3 20191118; EP 2904166 A1 20150812; EP 2904166 B1 20190828; ES 2748839 T3 20200318; JP 2015532954 A 20151116; JP 6082465 B2 20170215; LT 2904166 T 20191025; MX 2015001029 A 20150723; MX 355656 B 20180426; PL 2904166 T3 20200518; RU 2015113018 A 20161027; RU 2614586 C2 20170328; US 2015233081 A1 20150820; ZA 201501818 B 20160629

DOCDB simple family (application)
EP 2013068537 W 20130909; AU 2013311585 A 20130909; BR 112015005174 A 20130909; CN 201380046997 A 20130909; DE 102012108392 A 20120910; DK 13762089 T 20130909; EP 13762089 A 20130909; ES 13762089 T 20130909; JP 2015530428 A 20130909; LT 13762089 T 20130909; MX 2015001029 A 20130909; PL 13762089 T 20130909; RU 2015113018 A 20130909; US 201314426897 A 20130909; ZA 201501818 A 20150317