

Title (en)
SYSTEM AND METHOD FOR SPRAYING LIGHTWEIGHT INSULATING CONCRETE

Title (de)
SYSTEM UND VERFAHREN ZUM SPRÜHEN VON LEICHTEM ISOLIERBETON

Title (fr)
SYSTÈME ET PROCÉDÉ DE PROJECTION DE BÉTON LÉGER D'ISOLATION

Publication
EP 3317059 A1 20180509 (FR)

Application
EP 16757684 A 20160629

Priority
• FR 1501393 A 20150630
• FR 2016000109 W 20160629

Abstract (en)
[origin: WO2017001734A1] The invention relates to a method for coating a support (2) using a lightweight insulating concrete (3), said method comprising operations consisting in: preparing the concrete (3) by mixing pre-determined ratios of at least one fibrous aggregate, a binder and water; pouring the concrete (3) thus prepared into a drum (6) equipped with at least one outlet hole; continuously circulating the wet concrete (3) through the drum (6) as far as the hole or each outlet hole; sucking the wet concrete (3) through a supply pipe (45A, 45B) that connects the outlet hole of the tank (6) to a spray nozzle (40), by means of a venturi that forms part of the spray nozzle (40) and is supplied with compressed air; and spraying the wet concrete (3) that has been sucked through the pipe onto the support (2) using the spray nozzle (40).

IPC 8 full level
B28C 7/16 (2006.01); **B05B 15/00** (2018.01); **E04F 21/12** (2006.01); **E04G 21/04** (2006.01)

CPC (source: EP US)
B28C 7/163 (2013.01 - EP US); **B28C 7/165** (2013.01 - US); **E04F 21/085** (2013.01 - EP US); **E04F 21/12** (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP US); **E21D 11/10** (2013.01 - US); **E21D 11/105** (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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017001734 A1 20170105; EP 3317059 A1 20180509; EP 3317059 B1 20240228; EP 3317059 C0 20240228; FR 3038331 A1 20170106; FR 3038331 B1 20190517; US 11040463 B2 20210622; US 2018186032 A1 20180705

DOCDB simple family (application)
FR 2016000109 W 20160629; EP 16757684 A 20160629; FR 1501393 A 20150630; US 201615738323 A 20160629