

Title (en)

TEXTILE REINFORCING ARRANGEMENT AND METHOD FOR PRODUCING SAME

Title (de)

TEXTILBEWEHRUNGSANORDNUNG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

AGENCEMENT D'ARMATURE EN TEXTILE ET PROCÉDÉ POUR SA FABRICATION

Publication

**EP 3678853 A1 20200715 (DE)**

Application

**EP 18765076 A 20180830**

Priority

- DE 102017120624 A 20170907
- EP 2018073375 W 20180830

Abstract (en)

[origin: WO2019048337A1] The invention relates to a textile reinforcing arrangement (20) comprising a grating element (22) and multiple reinforcing pins (40), which are arranged directly or indirectly on the grating element (22). Each reinforcing pin (40) has two pin sections (41) which are arranged on different sides of the grating element (22). The reinforcing pins (40) extend substantially perpendicular through the grating element. Each pin section (41) has an anchoring part (43). The anchoring part (43) can be formed by an expanding and/or reducing of the cross-sectional surface of the related pin section (41). Both the grating element and the reinforcing pins are formed from a composite material with a textile fibre bundle (29) embedded in a plastic matrix (K).

IPC 8 full level

**B29C 70/68** (2006.01); **E04C 5/07** (2006.01); **B29K 105/20** (2006.01)

CPC (source: EP)

**B29C 70/688** (2013.01); **E04C 5/07** (2013.01); **E04C 5/20** (2013.01); **B29K 2105/206** (2013.01)

Citation (search report)

See references of WO 2019048337A1

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)

**DE 102017120624 A1 20190307**; EP 3678853 A1 20200715; WO 2019048337 A1 20190314

DOCDB simple family (application)

**DE 102017120624 A 20170907**; EP 18765076 A 20180830; EP 2018073375 W 20180830