

Title (en)

SURFACE ELEMENT FOR FRICTION INCREASE AS WELL AS OBJECTS PROVIDED WITH SAID SURFACE ELEMENT

Title (de)

OBERFLÄCHENELEMENT ZUR REIBUNGSERHÖHUNG SOWIE OBJEKTE MIT DIESEM OBERFLÄCHENELEMENT

Title (fr)

ÉLÉMENT DE SURFACE POUR L'AUGMENTATION DU FROTTEMENT ET OBJETS DOTÉS DUDIT ÉLÉMENT DE SURFACE

Publication

**EP 2760753 A1 20140806 (EN)**

Application

**EP 12780802 A 20120925**

Priority

- IT MI20111751 A 20110929
- IB 2012001881 W 20120925

Abstract (en)

[origin: WO2013045997A1] A surface element ( 1 ) for friction increase comprises a lying portion ( 2 ) defining a reference surface, and engagement means ( 3 ) that can be extended and/or recessed relative to the reference surface and is suitable for interfacing with corresponding engagement means of a faced surface element for friction increase; the surface element further comprises a predetermined number of clusters ( 4 ) of the engagement means defined by respective confining edges ( 4a) and distributed on the lying portion, and in each of these clusters the engagement means is disposed along directrices ( 4b) having at least one predetermined curvature ( 4c ) and one corresponding centre of curvature, centres of curvature of directrices belonging to clusters separated from each other not being coincident.

IPC 8 full level

**B65D 25/00** (2006.01); **B65D 21/02** (2006.01)

CPC (source: EP US)

**B65D 21/0201** (2013.01 - EP US); **B65D 21/0209** (2013.01 - EP US); **B65D 25/00** (2013.01 - US); **B65D 25/20** (2013.01 - EP US); **B65D 2313/00** (2013.01 - EP US); **Y10T 428/24479** (2015.01 - EP US)

Citation (search report)

See references of WO 2013045997A1

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 2013045997 A1 20130404**; CN 104220335 A 20141217; EP 2760753 A1 20140806; IT MI20111751 A1 20130330; US 2014238981 A1 20140828

DOCDB simple family (application)

**IB 2012001881 W 20120925**; CN 201280058988 A 20120925; EP 12780802 A 20120925; IT MI20111751 A 20110929; US 201214348494 A 20120925