

Title (en)
PROCESS AND PRODUCTION LINE FOR CONTROLLED COLLECTION OF CONTINUOUS STRIP-LIKE ELEMENTS FOR BUILDING TYRES

Title (de)
VERFAHREN UND PRODUKTIONSLINIE ZUR GESTEUERTEN AUFNAHME DURCHGEHENDER BANDFÖRMIGER ELEMENTE ZUR HERSTELLUNG VON REIFEN

Title (fr)
PROCESSUS ET CHAÎNE DE PRODUCTION DESTINÉS À LA COLLECTE CONTRÔLÉE D'ÉLÉMENTS DE TYPE BANDE CONTINUE PERMETTANT DE FABRIQUER DES PNEUS

Publication
EP 3453642 B1 20201118 (EN)

Application
EP 18201771 A 20130422

Priority

- IT MI20120691 A 20120426
- US 201261642123 P 20120503
- EP 13729433 A 20130422
- IB 2013053162 W 20130422

Abstract (en)
[origin: WO2013160814A2] A continuous band (6) of elastomeric material comprising reinforcing cords (3), fed through an extrusion die (10), is cut for generating continuous strip-like elements (2). In the region of generation ("Z") of the continuous strip-like elements (2), guiding devices apply drift forces to each of the continuous strip-like elements (2) to guide them along diverging trajectories. The drift forces are modulated by drive members (33) placed externally of said generation region ("Z") of continuous strip-like elements (2). Each continuous strip-like element (2) is collected on a respective reel (17).

IPC 8 full level
B65D 90/10 (2006.01); **B65D 90/24** (2006.01); **B65H 23/038** (2006.01); **B65H 35/02** (2006.01)

CPC (source: CN EP RU)
B65D 90/10 (2013.01 - RU); **B65H 23/038** (2013.01 - CN EP); **B65H 35/02** (2013.01 - CN); **B65H 2301/4148** (2013.01 - EP); **B65H 2403/52** (2013.01 - EP); **B65H 2601/321** (2013.01 - EP); **B65H 2801/93** (2013.01 - EP)

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 2013160814 A2 20131031; **WO 2013160814 A3 20140327**; AR 090839 A1 20141210; CN 104349995 A 20150211; CN 104349995 B 20161012; EP 2841360 A2 20150304; EP 2841360 B1 20181024; EP 3453642 A1 20190313; EP 3453642 B1 20201118; MX 2014012827 A 20150210; MX 356303 B 20180522; RU 2014147476 A 20160620; RU 2637405 C2 20171204

DOCDB simple family (application)
IB 2013053162 W 20130422; AR P130101387 A 20130425; CN 201380028201 A 20130422; EP 13729433 A 20130422; EP 18201771 A 20130422; MX 2014012827 A 20130422; RU 2014147476 A 20130422