

Title (en)

METHOD FOR DEPOSITING REINFORCING STRUCTURE YARNS OF A TYRE

Title (de)

VERFAHREN ZUM VERLEGEN VON VERSTÄRKUNGSDRÄHTEN EINER REIFENKARKASSE

Title (fr)

METHODE DE POSE DE FILS DE STRUCTURE DE RENFORT POUR PNEUMATIQUE

Publication

EP 1463627 A1 20041006 (FR)

Application

EP 02795270 A 20021223

Priority

- EP 0214721 W 20021223
- FR 0117136 A 20011228

Abstract (en)

[origin: WO03055667A1] The invention concerns a method for depositing yarns (5) of a reinforcing structure such as a carcass on a tyre which consists in arranging at least two filaments (5) on a tyre blank so that at least a first and a second filament form at the crown and the sidewalls, a series of transverse portions (14) extending substantially from one bead of the tyre to the other, wherein a single depositing head (54) is used for substantially simultaneous deposition of said at least first and second filaments. The head is advantageously arranged relative to the tyre blank so that the filaments form at least a pattern substantially parallel to each other. The substantially parallel pattern sections are preferably substantially applied between the crown and the beads.

IPC 1-7

B29D 30/10; **B29D 30/16**

IPC 8 full level

B60C 15/00 (2006.01); **B29D 30/10** (2006.01); **B29D 30/16** (2006.01)

CPC (source: EP US)

B29D 30/10 (2013.01 - EP US); **B29D 30/1635** (2013.01 - EP US); **B29D 2030/1678** (2013.01 - EP US); **Y10T 152/10855** (2015.01 - EP US)

Citation (search report)

See references of WO 03055667A1

Cited by

FR3105097A1; WO2021123522A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03055667 A1 20030710; AU 2002360081 A1 20030715; EP 1463627 A1 20041006; JP 2005512865 A 20050512; US 2005028919 A1 20050210

DOCDB simple family (application)

EP 0214721 W 20021223; AU 2002360081 A 20021223; EP 02795270 A 20021223; JP 2003556227 A 20021223; US 88040704 A 20040628