

Title (en)

REINFORCEMENT LAYER FOR A PNEUMATIC VEHICLE TYRE, PREFERABLY FOR A BELT BANDAGE LAYER OF A PNEUMATIC VEHICLE TYRE

Title (de)

VERSTÄRKUNGSLAGE FÜR EINEN FAHRZEUGLUFTREIFEN, VORZUGSWEISE FÜR EINE GÜRTELBANDAGENLAGE EINES FAHRZEUGLUFTREIFENS

Title (fr)

NAPPE DE RENFORCEMENT POUR UN PNEUMATIQUE DE VÉHICULE, DE PRÉFÉRENCE POUR UNE NAPPE D'ARMATURE D'UN PNEUMATIQUE DE VÉHICULE

Publication

EP 3500698 A1 20190626 (DE)

Application

EP 16813351 A 20161220

Priority

- DE 102016204423 A 20160317
- EP 2016081821 W 20161220

Abstract (en)

[origin: WO2017157498A1] The invention relates to a reinforcement layer for a pneumatic vehicle tyre, preferably for a belt bandage layer of a vehicle pneumatic tyre, wherein the reinforcement layer comprises reinforcing supports with at least one multifilament yarn, and wherein said at least one multifilament yarn consists of polyamide, most of which is based on renewable raw materials. In order to preserve the environment and the resources in combination with improved product quality, the multifilament yarn is made of polyamide 4.10.

IPC 8 full level

D01F 6/60 (2006.01); **B60C 9/00** (2006.01); **D02G 3/48** (2006.01)

CPC (source: EP RU US)

B60C 9/00 (2013.01 - RU); **B60C 9/0042** (2013.01 - EP US); **D01F 6/60** (2013.01 - EP RU US); **D02G 3/48** (2013.01 - EP RU US); **B60C 2009/2252** (2013.01 - EP US); **B60C 2009/2257** (2013.01 - EP US); **B60C 2009/2276** (2013.01 - EP US); **B60C 2009/2285** (2013.01 - EP US); **D10B 2331/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2017157498A1

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 2017157498 A1 20170921; BR 112018015717 A2 20190108; CN 109121424 A 20190101; DE 102016204423 A1 20170921; EP 3500698 A1 20190626; JP 2019511411 A 20190425; JP 6826124 B2 20210203; RU 2706635 C1 20191119; US 2019077194 A1 20190314

DOCDB simple family (application)

EP 2016081821 W 20161220; BR 112018015717 A 20161220; CN 201680084927 A 20161220; DE 102016204423 A 20160317; EP 16813351 A 20161220; JP 2018545313 A 20161220; RU 2018136358 A 20161220; US 201616085470 A 20161220