

Title (en)

PATTERNED COATING WITH TACKIFYING MATERIAL

Title (de)

GEMUSTERTE BESCHICHTUNG MIT KLEBRIGMACHENDEM EMATERIAL

Title (fr)

REVÊTEMENT À MOTIFS CONTENANT UN MATÉRIAU COLLANT

Publication

**EP 2544904 A1 20130116 (EN)**

Application

**EP 11708027 A 20110310**

Priority

- US 201113027487 A 20110215
- US 83625610 A 20100714
- US 66117010 A 20100311
- EP 2011053601 W 20110310

Abstract (en)

[origin: WO2011110622A1] A pneumatic tire carcass having at least one ply of stabilizing fabric. The stabilizing fabric has a machine direction and a cross machine direction. A plurality of high tenacity reinforcing yarn elements are disposed in the cross-machine direction. A plurality of machine direction yarn elements of relatively lower tenacity than the reinforcing yarn elements are disposed in the machine direction. The stabilizing fabric may have an adhesion layer on both sides of the stabilizing fabric and may also contain a patterned coating of a tackifying material overlaying a portion of at least one side of the stabilizing fabric. A segment of the stabilizing fabric is disposed within the carcass with the machine direction yarn elements being in substantial alignment with the direction of tire rotation and with the cross-machine direction oriented radially relative to the direction of tire rotation.

IPC 8 full level

**B60C 1/00** (2006.01); **B60C 9/00** (2006.01); **B60C 9/11** (2006.01)

CPC (source: EP KR)

**B60C 1/00** (2013.01 - KR); **B60C 5/14** (2013.01 - EP); **B60C 9/00** (2013.01 - KR); **B60C 9/11** (2013.01 - EP KR); **B60C 2005/145** (2013.01 - EP)

Citation (search report)

See references of WO 2011110622A1

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DOCDB simple family (publication)

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