

Title (en)
RUBBER COMPOSITION

Title (de)
KAUTSCHUKZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE CAOUTCHOUC

Publication
EP 4267406 A1 20231101 (FR)

Application
EP 21835808 A 20211129

Priority
• FR 2014026 A 20201223
• FR 2021052126 W 20211129

Abstract (en)
[origin: WO2022136754A1] The present invention relates to a rubber composition based on - at least one elastomer matrix comprising from 45 to 80 phr of at least one polyisoprene and from 20 to 55 phr of at least one highly saturated diene elastomer, - a tall oil ester plasticizer, - carbon black, and - a cross-linking system; wherein the highly saturated diene elastomer is a copolymer of ethylene and 1,3-diene.

IPC 8 full level
B60C 1/00 (2006.01); **C08F 210/02** (2006.01); **C08K 3/04** (2006.01); **C08K 5/11** (2006.01); **C08L 7/00** (2006.01); **C08L 23/08** (2006.01); **C08L 91/00** (2006.01)

CPC (source: EP US)
B60C 1/0025 (2013.01 - EP US); **C08F 210/02** (2013.01 - EP); **C08L 7/00** (2013.01 - EP US); **B60C 2200/06** (2013.01 - EP); **C08L 2205/03** (2013.01 - US)

C-Set (source: EP)
1. **C08L 7/00 + C08L 23/083 + C08L 91/00 + C08L 91/06 + C08K 3/04 + C08K 5/09 + C08K 3/22 + C08K 3/06 + C08K 5/31 + C08K 5/40 + C08K 5/18**
2. **C08L 7/00 + C08L 23/083 + C08L 91/06 + C08K 5/11 + C08K 3/04 + C08K 5/09 + C08K 3/22 + C08K 3/06 + C08K 5/31 + C08K 5/40 + C08K 5/18**
3. **C08F 210/02 + C08F 236/06 + C08F 2500/27**
4. **C08F 210/02 + C08F 4/52**

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
FR 3118045 A1 20220624; FR 3118045 B1 20221230; CN 116635434 A 20230822; EP 4267406 A1 20231101; US 2024052142 A1 20240215; WO 2022136754 A1 20220630

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