

Title (en)  
RUBBER COMPOSITION FOR A TYRE TREAD

Title (de)  
KAUTSCHUKZUSAMMENSETZUNG FÜR EINE REIFENLAUFLÄCHE

Title (fr)  
COMPOSITION DE CAOUTCHOUC DE BANDE DE ROULEMENT DE PNEUMATIQUE

Publication  
**EP 3880489 A1 20210922 (FR)**

Application  
**EP 19829274 A 20191114**

Priority  
• FR 1860551 A 20181115  
• FR 1900913 A 20190131  
• FR 2019052702 W 20191114

Abstract (en)  
[origin: CA3117748A1] The invention relates to a tyre that has an improved performance balance, the tread of which includes a rubber composition based on at least one elastomer matrix, a reinforcing filler and a vulcanization system, in which the elastomer matrix comprises from 35 to 95 parts by weight per hundred parts by weight of elastomer, phr, of a first diene elastomer, the first diene elastomer being a butadiene- and styrene-based copolymer, said copolymer comprising within its structure at least one alkoxy silane group linked to the elastomer by the silicon atom, and at least one function comprising a nitrogen atom, and having a vitreous transition temperature of less than -70 °C, from 5 to 40 phr of a second elastomer, said second diene elastomer being isoprene elastomer.

IPC 8 full level  
**B60C 1/00** (2006.01); **C08C 19/22** (2006.01); **C08C 19/25** (2006.01); **C08C 19/44** (2006.01); **C08F 236/06** (2006.01); **C08F 236/10** (2006.01); **C08L 15/00** (2006.01)

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C-Set (source: EP)  
1. **C08L 15/00 + C08L 57/02 + C08L 9/00 + C08L 7/00 + C08L 91/06 + C08K 5/548 + C08K 3/04 + C08K 3/36 + C08K 5/18 + C08K 5/09 + C08K 3/22 + C08K 3/06**  
2. **C08F 236/06 + C08F 212/08**

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**FR 3088643 A1 20200522; FR 3088643 B1 20210730**; CA 3117748 A1 20200522; CN 113039074 A 20210625; EP 3880489 A1 20210922; FR 3088644 A3 20200522; JP 2022507330 A 20220118; JP 7528074 B2 20240805; WO 2020099789 A1 20200522

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