

Title (en)

RUBBER COMPOSITION COMPRISING A REINFORCING FILLER WITH A SMALL SPECIFIC SURFACE AREA

Title (de)

KAUTSCHUKMISCHUNG MIT EINEM VERSTÄRKENDEN FÜLLSTOFF MIT EINER KLEINEN SPEZIFISCHEN OBERFLÄCHE

Title (fr)

COMPOSITION DE CAOUTCHOUC COMPRENANT UNE CHARGE RENFORÇANTE A FAIBLE SURFACE SPECIFIQUE

Publication

**EP 3774388 A1 20210217 (FR)**

Application

**EP 19719564 A 20190401**

Priority

- FR 1853079 A 20180409
- FR 2019050751 W 20190401

Abstract (en)

[origin: WO2019197746A1] The invention relates to a rubber composition on the basis of an elastomer matrix, comprising at least 90 phr of at least one isoprenic elastomer, a reinforcing filler comprising predominantly at least one carbon black, referred to as NC black, having a BET specific surface area not greater than 30 m<sup>2</sup>/g and an oil absorption number of compressed sample (COAN) of at least 60 ml/100g, and a crosslinking system, said composition not comprising any, or not comprising more than 10 phr, carbon black with a BET specific surface area greater than 30 m<sup>2</sup>/g and a COAN greater than 40 ml/100g, and not comprising any, or comprising no more than, 10 phr silicon dioxide.

IPC 8 full level

**C08K 3/04** (2006.01); **B60C 1/00** (2006.01); **C08L 7/00** (2006.01)

CPC (source: EP US)

**B60C 1/00** (2013.01 - EP); **B60C 1/0041** (2013.01 - US); **B60C 9/22** (2013.01 - US); **C08K 3/04** (2013.01 - EP US); **C08K 5/0025** (2013.01 - EP); **B60C 2009/2016** (2013.01 - US); **B60C 2009/2019** (2013.01 - US); **C08K 2201/006** (2013.01 - EP US); **C08K 2201/019** (2013.01 - EP)

C-Set (source: EP)

1. **C08K 3/04 + C08L 7/00**
2. **C08K 5/0025 + C08L 7/00**

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

DOCDB simple family (publication)

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DOCDB simple family (application)

**FR 1853079 A 20180409**; BR 112020019114 A 20190401; CN 201980023725 A 20190401; EP 19719564 A 20190401; FR 2019050751 W 20190401; US 201917046338 A 20190401