

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 m²/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 m²/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)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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