

Title (en)

RUBBER-MODIFIED BITUMENS, METHOD OF PRODUCTION AND USE THEREOF IN ASPHALT

Title (de)

GUMMIMODIFIZIERTE BITUMEN, VERFAHREN ZUR HERSTELLUNG UND DESSEN VERWENDUNG IM ASPHALT

Title (fr)

BITUMES MODIFIÉS PAR DU CAOUTCHOUC, LEUR PROCÉDÉ DE PRODUCTION ET LEUR UTILISATION DANS L'ASPHALTE

Publication

EP 4007794 A1 20220608 (DE)

Application

EP 20746972 A 20200728

Priority

- EP 19189591 A 20190801
- EP 2020071277 W 20200728

Abstract (en)

[origin: WO2021018892A1] The invention relates to new rubber-modified bitumens, improved methods for producing rubber-modified bitumen using vulcanized rubber, and its use in asphalt.

IPC 8 full level

C08L 95/00 (2006.01); **C08K 5/372** (2006.01); **C08L 19/00** (2006.01)

CPC (source: CN EP US)

C08K 5/372 (2013.01 - US); **C08L 17/00** (2013.01 - EP); **C08L 19/00** (2013.01 - US); **C08L 95/00** (2013.01 - CN EP US); **C09D 5/08** (2013.01 - US); **C09D 195/00** (2013.01 - US); **C08L 19/00** (2013.01 - EP); **C08L 2555/30** (2013.01 - CN EP); **C08L 2555/34** (2013.01 - CN EP); **C08L 2555/50** (2013.01 - CN EP)

C-Set (source: CN EP)

CN

C08L 95/00 + C08L 19/00 + C08K 5/372

EP

C08L 95/00 + C08K 5/372 + C08L 19/00

Citation (search report)

See references of WO 2021018892A1

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)

EP 3771727 A1 20210203; EP 3771727 B1 20220323; CN 114207048 A 20220318; CN 114207048 B 20230505; EP 4007794 A1 20220608; ES 2910259 T3 20220512; HU E058758 T2 20220928; US 2022275211 A1 20220901; WO 2021018892 A1 20210204

DOCDB simple family (application)

EP 19189591 A 20190801; CN 202080056081 A 20200728; EP 2020071277 W 20200728; EP 20746972 A 20200728; ES 19189591 T 20190801; HU E19189591 A 20190801; US 202017630955 A 20200728