

Title (en)

ORGANOSILYL POLYSULFIDES, AND RUBBER MIXTURES CONTAINING SAME

Title (de)

ORGANOSILYLPOLYSULFIDE UND DIESE ENTHALTENDE KAUTSCHUKMISCHUNGEN

Title (fr)

POLYSULFURES D'ORGANOSIYLE ET MÉLANGES DE CAOUTCHOUC LES CONTENANT

Publication

EP 4363428 A1 20240508 (DE)

Application

EP 22738423 A 20220627

Priority

- EP 21182831 A 20210630
- EP 2022067480 W 20220627

Abstract (en)

[origin: WO2023274909A1] The new organosilyl polysulfides of formula (I), in which substituents R1 to R8 and index x have the meanings indicated in the description, are extremely well suited for the manufacturing of rubber mixtures, vulcanized products and rubber products which are characterized by greater hardness, strength and elongation at break as well as low rolling resistance of the tires made therefrom.

IPC 8 full level

C07F 7/18 (2006.01); **C08K 5/103** (2006.01); **C08L 9/06** (2006.01); **C08L 21/00** (2006.01)

CPC (source: EP KR)

C07F 7/1804 (2013.01 - EP KR); **C07F 7/1892** (2013.01 - EP KR); **C08K 3/36** (2013.01 - KR); **C08K 5/5419** (2013.01 - KR); **C08L 9/00** (2013.01 - KR); **C08L 9/06** (2013.01 - EP KR); **C08K 2201/005** (2013.01 - EP KR); **C08K 2201/006** (2013.01 - EP KR); **C08K 2201/011** (2013.01 - EP KR)

C-Set (source: EP)

C08L 9/06 + C08L 9/00 + C08K 3/36 + C08K 5/5419

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

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DOCDB simple family (publication)

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