

Title (en)

ORGANOSILYL POLYSULFIDES, AND RUBBER MIXTURES CONTAINING SAME

Title (de)

ORGANOSILYLPOLYSULFIDE UND DIESE ENTHALTENDE KAUTSCHUKMISCHUNGEN

Title (fr)

POLYSULFURES ORGANOSILYLÉS ET MÉLANGES DE CAOUTCHOUC LES CONTENANT

Publication

**EP 4363427 A1 20240508 (DE)**

Application

**EP 22738421 A 20220627**

Priority

- EP 21182837 A 20210630
- EP 2022067478 W 20220627

Abstract (en)

[origin: WO2023274907A1] 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 having improved mixing properties, vulcanized products and rubber products which can be obtained therefrom and 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); **C08K 5/548** (2006.01); **C08L 9/06** (2006.01)

CPC (source: EP)

**C07F 7/1804** (2013.01); **C08K 5/548** (2013.01)

C-Set (source: EP)

**C08L 9/06 + C08L 9/00 + C08L 91/00 + C08L 45/00 + C08K 5/548 + C08K 3/36 + C08K 5/09 + C08K 3/22 + C08K 3/04 + C08K 5/18 + C08L 91/06 + C08K 5/548 + C08K 5/47 + C08K 5/31 + C08K 3/06**

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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