

Title (en)

BRANCHED COPOLYMERS AS ADDITIVES FOR VISCOSITY REDUCTION OF MINERAL BINDER COMPOSITIONS

Title (de)

VERZWEIGTE COPOLYMERE ALS ZUSATZMITTEL ZUR VISKOSITÄTSREDUKTION MINERALISCHER BINDEMITTELZUSAMMENSETZUNGEN

Title (fr)

COPOLYMÈRES RAMIFIÉS UTILIÉS EN TANT QU'ADDITIFS POUR LA RÉDUCTION DE LA VISCOSITÉ DE COMPOSITIONS DE LIANT MINÉRAL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021105187A1] The invention relates to the use of branched copolymers of general structure (I) as additives for increasing the flow speed and reducing the viscosity of mineral binder compositions. A further aspect of the invention relates to mineral binder compositions containing at least one branched copolymer of general structure (I).

IPC 8 full level

C04B 24/32 (2006.01); **C04B 28/02** (2006.01); **C04B 40/00** (2006.01); **C08G 65/24** (2006.01); **C08G 65/26** (2006.01); **C04B 103/30** (2006.01)

CPC (source: CN EP KR US)

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C-Set (source: CN EP)

CN

C04B 28/02 + C04B 24/32

EP

1. **C04B 40/0039 + C04B 24/2647 + C04B 24/32**
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Citation (search report)

See references of WO 2021105187A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 3828154 A1 20210602; AU 2020394505 A1 20220407; CN 114599621 A 20220607; CN 114599621 B 20240430; EP 4065537 A1 20221005; JP 2023502866 A 20230126; KR 20220107156 A 20220802; US 2023101651 A1 20230330; WO 2021105187 A1 20210603

DOCDB simple family (application)

EP 19212573 A 20191129; AU 2020394505 A 20201125; CN 202080073824 A 20201125; EP 2020083325 W 20201125; EP 20808466 A 20201125; JP 2022524265 A 20201125; KR 20227011041 A 20201125; US 202017779030 A 20201125