

Title (en)

USE OF GLASS-RESIN COMPOSITE FIBRES FOR REINFORCING CONCRETE

Title (de)

VERWENDUNG VON GLAS-HARZ-VERBUNDFASERN ZUR BETONBEWEHRUNG

Title (fr)

UTILISATION DE FIBRES COMPOSITE VERRE-RESINE POUR LE RENFORCEMENT DU BETON

Publication

**EP 4263459 A1 20231025 (FR)**

Application

**EP 21851664 A 20211210**

Priority

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Abstract (en)

[origin: WO2022129747A1] The invention relates to a glass-resin composite monofilament comprising glass filaments embedded in a cross-linked resin, the monofilament having a length within a range from 5 to 85 mm, a diameter ranging from 0.2 to 1.3 mm, and a breaking stress greater than 1050 MPa, a small box comprising a plurality of said monofilaments, as well as their uses for reinforcing concrete, reducing the weight of concrete, and reducing or preventing the cracking of concrete. The invention also relates to the concrete comprising said monofilaments, and to the method for obtaining said monofilaments.

IPC 8 full level

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C-Set (source: EP)

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Citation (search report)

See references of WO 2022129747A1

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