

Title (en)

EMULSIFIED FURAN RESIN BASED GLASS FIBER BINDING COMPOSITIONS AND PROCESS OF BINDING GLASS FIBERS.

Title (de)

EMULGIERTE GLASFASERBINDEMittel AUF FURANHARZBASIS UND VERFAHREN ZUM BINDEN VON GLASFASERN.

Title (fr)

COMPOSITIONS EMULSIFIEES DE LIAISON DE FIBRES DE VERRE, A BASE DE RESINE FURANNIQUE, ET PROCEDE DE LIAISON DE FIBRES DE VERRE.

Publication

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Application

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Abstract (en)

[origin: WO9426677A1] The present invention relates to a glass fiber binding composition having an effective binding amount of a furan resin, an effective emulsifying amount of an emulsifier agent, and sufficient amount of water to result in a binding composition having from 0.5 to 80 % N.V. The invention further pertains to a process of binding glass fibers at junctions of the fibers comprising the steps of providing glass fibers, applying an effect binding amount of an emulsified glass fiber binding composition to the junctions of the glass fibers, and curing the binder at the junctions of the glass fibers. Finally, the invention also discloses a glass fiber composition comprising a plurality of glass fibers having a plurality of junctions where two or more fibers meet, and an effective binding amount of an emulsified glass fiber binding composition applied to a portion of the junctions of the glass fibers.

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See references of WO 9426677A1

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