

Title (en)

Spurtd polyolefin fibers with improved dispersibility in hydrocarbons, including hydrocarbon containing asphalt compositions and method for making the same.

Title (de)

Durch Spritzen erhaltene Polyolefinfasern mit verbesserter Dispergierbarkeit in Kohlenwasserstoffen, Asphalzzusammensetzungen enthaltend Kohlenwasserstoffe und Verfahren zu deren Herstellung.

Title (fr)

Fibres polyoléfiniques obtenues par projection par décharge à dispersibilité accrue dans un milieu hydrocarboné, ainsi que des compositions asphaltiques contenant des hydrocarbures et procédé pour la fabrication.

Publication

EP 0092917 A1 19831102 (EN)

Application

EP 83301843 A 19830331

Priority

US 36571982 A 19820405

Abstract (en)

To an aqueous dispersion of spurtd polyolefin pulp is added from about 1% to about 20%, preferably from about 2% to about 12%, by solid weight based on the weight of spurtd polyolefin pulp, of an anionic latex containing a rubber or synthetic resin which is swellable in hydrocarbons. The latex is then precipitated onto the spurtd polyolefin pulp with a suitable agent, preferably water-soluble calcium, magnesium, barium or aluminum salts or calcium or barium hydroxides. When the product is recovered, the resulting natural rubber or synthetic resin treated spurtd polyolefin pulp is readily dispersible in hydrocarbons. Because of this, the pulp can be added to cutback asphalt to form viscous compositions which can be readily sprayed, brushed and trowled with minimal pulp separation problems.

IPC 1-7

D06M 15/28; D21H 5/20; D06N 5/00; C08L 95/00

IPC 8 full level

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CPC (source: EP KR)

D06M 15/693 (2013.01 - EP); **D06N 5/00** (2013.01 - EP); **D21H 5/202** (2013.01 - KR); **D21H 13/12** (2013.01 - KR)

Citation (search report)

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