

Title (en)

IMPROVED ASPHALT EMULSIONS FOR TREATMENT OF ROAD SURFACES

Title (de)

VERBESSERTE ASPHALTEMULSIONEN ZUR BEHANDLUNG VON STRASSEN OBERFLÄCHEN

Title (fr)

EMULSIONS POUR ASPHALTE AMELIOREES UTILISEES DANS LE TRAITEMENT DES REVETEMENTS ROUTIERS

Publication

EP 1527140 A4 20070307 (EN)

Application

EP 02744158 A 20020514

Priority

US 0215718 W 20020514

Abstract (en)

[origin: WO03097746A1] A composition for rejuvenating asphalt pavement according to the present invention comprises an asphalt binder, water, a cationic surfactant, a recycling agent, and a cationic, co- agglomerated styrene butadiene rubber latex, which includes sulfur and a vulcanizing agent. The composition is also useful as a scrub seal, fog seal, sand seal as well as for crack filling and the prevention of reflective cracking. The inventive composition may be used in emulsions with different setup times. The invention also includes a method for treatment of aged and cracked asphalt by application of the disclosed compositions.

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Citation (search report)

- [X] EP 0952174 A2 19991027 - BASF CORP [US]
- See references of WO 03097746A1

Citation (examination)

- E. PUCHER ET AL.: "SILVIA-036-01-WP3-260204: "Report on Recycling of Porous Asphalt in Comparison with Dense Asphalt"", EUROPEAN COMMISSION
- "California Test 377: " Method of test for determining the percent and grade of recycling agent to use for hot recycling of asphalt concrete"", CALIFORNIA DEPARTMENT OF TRANSPORTATION
- "Report DOE/AL/944760-1: "Development of Superior Asphalt Recycling Agents"", UNITED STATES DEPARTMENT OF ENERGY

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