

Title (en)
METHOD FOR CONTINUOUS PRODUCTION OF MODIFIED BITUMINOUS MATERIALS

Title (de)
VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG VON MODIFIZIERTEM BITUMEN

Title (fr)
PROCEDE DE FABRICATION EN CONTINU DE BITUMES MODIFIES

Publication
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Application
EP 98925705 A 19980514

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Abstract (en)
[origin: WO9854263A1] The invention concerns the continuous production of bituminous materials modified by addition of polymers and reacted with sulphur. The binders resulting from said method can contain very high amounts of polymers also combined with secondary materials such as: rubber, various plastics and waste lubricants. This type of binders, which cannot be obtained by discontinuous batch technology, results from the continuous mixing of several bituminous constituents through a static mixer. Said binders provide very high performance bituminous materials and agents for regenerating old bituminous materials contained in waste road materials, in the process of hot recycling of coated materials. They are also used for producing novel emulsions of highly modified binders, with multiple applications and in particular for cold recycling. This novel method, by regeneration of old bitumen contained in waste coated materials, represents a means for waste conversion and for limiting the use of bitumen and road surfacing aggregates.

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