

Title (en)  
ROTARY FIBERIZATION OF ASPHALT

Title (de)  
ZENTRIFUGST SPINNUNG VON ASPHALTFASERN

Title (fr)  
DEFIBRAGE PAR ROTATION DE L'ASPHALTE

Publication  
**EP 0799336 A1 19971008 (EN)**

Application  
**EP 95939036 A 19951031**

Priority  
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Abstract (en)  
[origin: WO9619600A1] A method for producing asphalt fibers (26) includes supplying molten asphalt (20) to a rotating asphalt spinner (10), centrifuging asphalt fibers (22) from the asphalt spinner (10), and collecting the asphalt fibers (26). The molten asphalt (20) is supplied to the asphalt spinner (10) at a temperature within the range of from about 270 DEG F (132 DEG C) to about 500 DEG F (260 DEG C). Also disclosed is a method for integrating asphalt with reinforcement fibers including the steps of establishing a downwardly moving veil of reinforcement fibers, such as glass fibers, and centrifuging asphalt fibers from a rotating asphalt spinner positioned within the veil of reinforcement fibers to integrate the asphalt with the reinforcement fibers. A method for making an asphalt roofing shingle includes the steps of assembling together a mat of asphalt fibers with a mat of reinforcement fibers, coating the assembled mats to form an asphalt-coated sheet, applying granules to the asphalt-coated sheet, and cutting the asphalt-coated sheet into roofing shingles. The invention also includes the asphalt roofing shingle made by this process. Further, the invention includes asphalt highway reinforcement products containing asphalt fibers, and the method of making such products.

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