

Title (en)  
FIBROUS ADDITIVE FOR FLUXED BITUMEN, AND METHOD FOR PRODUCING SAME

Title (de)  
FIBERHALTIGES ADDITIV FÜR FLÜSSIGEN BITUMEN UND VERARBEITUNGSVERFAHREN

Title (fr)  
ADDITIF FIBREUX DU BITUME LIQUIDE ET SON PROCEDE D'ELABORATION

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Application  
**EP 97934582 A 19970717**

Priority  
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Abstract (en)  
[origin: WO9803592A1] Mineral fibre additives for enhancing the properties of bitumen are disclosed. A mineral fibre additive for fluxed bitumen is provided wherein the fibres are agglomerated into nodules before being added to the bitumen, and the additive comprises a water- and heat-stable binder previously treated with a wetting agent for wetting the fibres with the bitumen. The water- and heat-stable binder preferably consists of phenolic resins of the kind usually used in insulating fibre mats made of either glass wool or rock wool. Similarly, the wetting agent advantageously consists of silicone resins. A method is also provided for producing said additive. According to the method, (a) fibres are taken from a bonded mineral fibre mat such as an insulating mat, (b) a resin acting as a wetting agent for the bitumen is sprayed onto the fibres, and (c) the fibres are treated in a noduliser. Step (b) may be carried out before or after step (c). The use of insulating mineral fibre mats has numerous advantages. Indeed, the problem of recycling industrial products is causing growing concern and finding a use for insulating fibre panels to be recycled is highly important.

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