

Title (en)  
Process for preparing a bituminous aggregate for roads

Title (de)  
Verfahren zur Herstellung von Bitumenaggregat für Strassenbeläge

Title (fr)  
Procédé pour préparer un enrobé bitumineux routier

Publication  
**EP 1323867 A1 20030702 (FR)**

Application  
**EP 02293205 A 20021220**

Priority  
FR 0116943 A 20011227

Abstract (en)  
Production of a bituminous road coating composition involves covering cold granulates with a hot bituminous binder after optional treatment with an adhesion promoter. A coating having the qualities of hot coatings can be obtained without having recourse to heavy-weight installations. <??>Production of a bituminous coating for roads involves heating a bituminous binder that is solid at ambient temperature, and then mixing the fluidized bituminous binder with solid fragments so that the fragments are coated with bitumen. The binder is heated to a temperature below its flash point and comprising 80-200 degrees C. <??>The solid fragments can be treated with an adhesion promoter prior to being mixed with the bituminous binder. The adhesion promoter contains a surfactant in weight ratio of 0.05-2 weight %, preferably 0.1-1 weight %, to the coating, and a flux in weight ratio of 0.05-1 weight %, preferably 0.1-0.5 weight %, to the coating. The weight proportion of the surfactant in the adhesion promoter is 10-80% preferably 40-70%. The weight content of flux in the binder is at least 0.1%, preferably at least 1%, and at most 50%, preferably at most 30%. <??>The pretreatment of the solid fragments with the adhesion promoter is carried out with an emulsion in which the weight content of adhesion promoter is 10-80%, preferably 40-70%.

Abstract (fr)  
Le procédé consiste à enrober des granulats froids par un liant bitumineux chaud, après traitement éventuel par un promoteur d'adhésion. On obtient ainsi un enrobé ayant les qualités des enrobés à chaud, sans avoir recours aux installations lourdes nécessaires pour l'élaboration de ceux-ci.

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IPC 8 full level  
**E01C 19/10** (2006.01)

CPC (source: EP)  
**E01C 19/1068** (2013.01)

Citation (search report)  
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Citation (examination)  
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