

Title (en)

Process and apparatus for making cold bituminous dense products

Title (de)

Verfahren und Vorrichtung zum Herstellen von kalten bituminösen dichten Stoffen

Title (fr)

Procédé d'obtention à froid d'enrobés denses bitumineux et dispositif pour la mise en oeuvre de ce procédé

Publication

EP 0781887 B1 20020814 (FR)

Application

EP 96402835 A 19961219

Priority

FR 9515677 A 19951228

Abstract (en)

[origin: EP0781887A1] The system for obtaining dense cold bituminous coating comprises a mixer (1), transportation (2) for the addition of large elements, transportation (5) for the addition of fine elements (GF), transportation (4) for adding a first emulsion and transportation (6) for the second emulsion. Large elements (GG) are introduced into the mixer. A measured first emulsion (EBPF) is then introduced to obtain a homogeneous and uniform binding film on the large elements. A measured second emulsion (ES-BPF) is introduced to obtain a total coating of the mixture. The second emulsion is obtained from the first emulsion during mixing by adding a cationic aqueous agent (SV). This cationic agent comprises additives which enable obtaining a second emulsion with a viscosity between 3 and 1000 STV. The cationic agent is measured in the ratio of 0.5 to 2% of the mixture of large elements and fine elements.

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IPC 8 full level

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CPC (source: EP)

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Cited by

WO2011151387A1; FR2960890A1; DE102010053406A1; DE102010053406B4; US7114875B2; US7114843B2; FR3131920A1; WO2023135400A1; WO2018055314A2; US10711413B2; WO2023166264A1; FR3133202A1; US8926741B2; WO2021228895A1; FR2847596A1; WO2022208035A1; FR3121444A1

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