

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 A1 19970702 (FR)

Application

EP 96402835 A 19961219

Priority

FR 9515677 A 19951228

Abstract (en)

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.

Abstract (fr)

Des enrobés denses bitumineux sont obtenus à froid par un procédé, et un dispositif pour la mise en oeuvre de ce procédé, selon lequel des gros éléments et des éléments fins d'un matériau à enrober sont introduits séparément dans un malaxeur (1), l'introduction des gros éléments étant suivie d'un ajout d'une première émulsion bitumineuse et l'introduction des éléments fins étant suivie d'un ajout d'une deuxième émulsion bitumineuse obtenue de la première émulsion par ajout d'un agent. <IMAGE>

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CPC (source: EP)

E01C 19/1045 (2013.01); **E01C 19/1068** (2013.01)

Citation (applicant)

FR 2623219 A1 19890519 - MAHEAS RENE [FR]

Citation (search report)

- [DA] FR 2623219 A1 19890519 - MAHEAS RENE [FR]
- [A] EP 0524031 A1 19930120 - COLAS SA [FR]
- [A] WO 9309295 A1 19930513 - HOVE LEO [DK]
- [A] FR 2701406 A1 19940819 - COLAS SA [CH], et al

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