

Title (en)

Method of manufacturing a bituminous coating with simultaneous insertion of the binder and a part of the solid mineral fractions in the mixer

Title (de)

Verfahren zur Herstellung eines bituminösen Mischguts unter gleichzeitiger Zugabe eines Bindemittels und eines Teils aus festen mineralischen Fraktionen in den Mischer

Title (fr)

Procédé pour fabriquer un enrobé bitumineux avec introduction simultanée du liant et d'une partie des fractions minérales solides dans le mélangeur

Publication

EP 2085518 A1 20090805 (FR)

Application

EP 09151857 A 20090202

Priority

FR 0850643 A 20080201

Abstract (en)

The method involves introducing a part of solid mineral fractions in a mixture containing a binding agent e.g. bitumen, and the solid mineral fractions, where the part of the mineral fractions is previously and partially heated for attaining a temperature higher than 80 degree Celsius at the moment of input to the mixture. Separate and simultaneous introduction of the binding agent and the remaining non-heated part of the mineral fractions is carried out in the mixture. The part of the solid mineral fractions is divided into two parts, where one of the parts includes binder aggregates.

Abstract (fr)

L'invention concerne un procédé pour fabriquer un enrobé bitumineux comprenant des fractions solides minérales enrobées d'un liant, le procédé comprenant une étape de chauffage d'une partie desdites fractions solides minérales et une introduction séparée mais simultanée du liant et de la partie restante desdites fractions solides minérales. Application à la construction routière.

IPC 8 full level

E01C 19/10 (2006.01)

CPC (source: EP US)

E01C 19/1004 (2013.01 - EP US); **E01C 19/1072** (2013.01 - EP US); **E01C 2019/1095** (2013.01 - EP US)

Citation (applicant)

- EP 1469038 A1 20041020 - HTP EST [FR]
- FR 2884265 A1 20061013 - APPIA [FR]
- FR 2884264 A1 20061013 - APPIA [FR]

Citation (search report)

- [X] US 4616934 A 19861014 - BROCK J DONALD [US]
- [X] US 4705404 A 19871110 - BRUEGGEMANN HORST [DE]
- [XY] US 5378059 A 19950103 - BROCK J DONALD [US]
- [Y] US 4147436 A 19790403 - GARBELMAN DAVID L, et al
- [Y] GB 2010687 A 19790704 - MENDENHALL R L
- [X] WO 9616228 A1 19960530 - SVEDALA FACO LTDA [BR], et al
- [PX] EP 1916337 A1 20080430 - AP TECHNIC ASPHALT PLANT TECHN [FR]

Cited by

FR2960891A1; FR3006340A1; FR2983495A1; EP2599917A3; WO2011151601A3

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