

Title (en)

METHOD AND SYSTEM FOR PRODUCING ASPHALT MIXTURE

Title (de)

VERFAHREN UND ANLAGE ZUM HERSTELLEN VON ASPHALTMISCHGUT

Title (fr)

PROCÉDÉ ET INSTALLATION DE PRODUCTION D'ENROBÉ ASPHALTIQUE

Publication

EP 2491181 A1 20120829 (DE)

Application

EP 09806080 A 20091228

Priority

- DE 102009050506 A 20091023
- EP 2009009292 W 20091228

Abstract (en)

[origin: WO2011047705A1] The invention relates to a method and a system for producing asphalt mixture and is aimed in particular at the reuse of reclaimed asphalt. In order to achieve the reuse of up to 100% of reclaimed asphalt and to produce an asphalt mixture having the required quality, at least the drying and heating of the asphalt granulate and/or aggregates are performed in a low-oxygen atmosphere. The low-oxygen atmosphere is achieved by means of supplying low-oxygen gases having an oxygen content of at most 10%, preferably having an oxygen content up to a maximum of 5%. Advantageously, the conveying of the heated and dried asphalt granulate and/or aggregates, the ensiling, and the mixing with bitumen to form a new asphalt mixture ready for installation also occur in a low-oxygen atmosphere.

IPC 8 full level

E01C 19/10 (2006.01)

CPC (source: EP US)

E01C 19/1004 (2013.01 - EP US); **E01C 19/1036** (2013.01 - EP US); **E01C 2019/109** (2013.01 - EP US); **E01C 2019/1095** (2013.01 - EP US)

Citation (search report)

See references of WO 2011047705A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2011047705 A1 20110428; AR 078671 A1 20111123; BR 112012011348 A2 20160419; CA 2776894 A1 20110428; CN 102666993 A 20120912; CN 102666993 B 20150520; DK 2491181 T3 20150526; EP 2491181 A1 20120829; EP 2491181 B1 20150225; ES 2536883 T3 20150529; IN 3398DEN2012 A 20151023; JP 2013508577 A 20130307; JP 5606540 B2 20141015; PL 2491181 T3 20150630; RU 2012113774 A 20131127; RU 2509838 C2 20140320; US 2012204761 A1 20120816; US 8882899 B2 20141111

DOCDB simple family (application)

EP 2009009292 W 20091228; AR P100103807 A 20101018; BR 112012011348 A 20091228; CA 2776894 A 20091228; CN 200980162107 A 20091228; DK 09806080 T 20091228; EP 09806080 A 20091228; ES 09806080 T 20091228; IN 3398DEN2012 A 20120419; JP 2012534547 A 20091228; PL 09806080 T 20091228; RU 2012113774 A 20091228; US 200913503612 A 20091228