

Title (en)
APPARATUS FOR PRODUCING FOAMED BITUMEN AND PROCESS FOR MAINTENANCE OF SAID APPARATUS

Title (de)
VORRICHTUNG ZUM ERZEUGEN VON SCHAUMBITUMEN UND VERFAHREN ZU DEREN WARTUNG

Title (fr)
DISPOSITIF POUR GÉNÉRER DE LA MOUSSE DE BITUME ET PROCÉDÉ D'ENTRETIEN DE CELUI-CI

Publication
EP 2556194 B1 20150819 (DE)

Application
EP 11713688 A 20110406

Priority
• DE 102010013982 A 20100406
• EP 2011001710 W 20110406

Abstract (en)
[origin: WO2011124369A2] The present invention relates to an apparatus for producing foamed bitumen (2) for a road building machine (1), comprising at least one mixing device (6) having a reaction chamber (4), in which mixing device hot bitumen (8) and at least one reaction fluid (12, 14) can be brought together via an inlet device (10), comprising at least one inlet nozzle (22, 24, 28), and from which mixing device (6) the hot bitumen and at least one reaction fluid can be emptied via an outlet device (16), provision being made of at least one compressed-air device (20), which can be used to apply a stream of compressed air to the inlet device (10) and/or the outlet device (16) for test and/or cleaning purposes. In addition, the present invention also relates to a process for servicing such an apparatus, comprising the following steps of a test process: a stream of compressed air is applied to the inlet and/or outlet device (10, 16); the pressure variation of the stream of compressed air in the inlet and/or outlet device (10, 16) is detected; and the detected pressure variation is compared with a stipulated desired pressure variation, in which case a deviation of the pressure variation from the desired pressure variation indicates a fault and, in particular, an obstruction in the inlet and/or outlet device (10, 16).

IPC 8 full level
B05B 15/50 (2018.01); **B05B 15/55** (2018.01); **E01C 23/06** (2006.01)

CPC (source: EP US)
B05B 15/50 (2018.01 - EP US); **B05B 15/55** (2018.01 - EP US); **B08B 5/02** (2013.01 - US); **C10C 3/00** (2013.01 - EP US); **E01C 19/16** (2013.01 - US); **E01C 19/17** (2013.01 - EP US); **E01C 23/065** (2013.01 - EP US); **B05B 7/0025** (2013.01 - EP)

Citation (examination)
• EP 0283399 A1 19880921 - LEFEBVRE JEAN ETS [FR]
• DE 29702162 U1 19980610 - WIRTGEN GMBH [DE]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010013982 A1 20111006; CN 102892955 A 20130123; CN 102892955 B 20160224; EP 2556194 A2 20130213; EP 2556194 B1 20150819; US 2013114367 A1 20130509; US 2015275442 A1 20151001; US 9551116 B2 20170124; US 9856611 B2 20180102; WO 2011124369 A2 20111013; WO 2011124369 A3 20120621

DOCDB simple family (application)
DE 102010013982 A 20100406; CN 201180023925 A 20110406; EP 11713688 A 20110406; EP 2011001710 W 20110406; US 201113633946 A 20110406; US 201514740768 A 20150616