

Title (en)

Method for determining the degree of compaction of asphalt and compacting machine as well as system for determining degree of compaction

Title (de)

Verfahren zur Bestimmung eines Verdichtungsgrades von Asphalten und Verdichtungsmaschine sowie System zur Bestimmung eines Verdichtungsgrades

Title (fr)

Procédé pour la détermination du degré de compaction d'asphalte et dispositif compacteur ainsi que système de détermination d'un degré de compaction

Publication

EP 1985761 B1 20131211 (DE)

Application

EP 08154648 A 20080416

Priority

DE 102007019419 A 20070423

Abstract (en)

[origin: EP1985761A2] The determination method involves measuring or picking up parameters at the position of the compacting machine (1), and store the parameters together with the position data of compacting machine. The parameters are assigned to the current partial surface or to all subsegment of the current partial surface. The current compaction degree of current partial surface or subsegment of current partial surface is computed from the assigned parameters, and the operations are performed repeatedly when the parameters that have been stored are part of the parameters to be included in the computation. An independent claim is also included for a optical position determining system for determining compaction degree of surface segment of to be compacted traffic surface.

IPC 8 full level

E01C 19/28 (2006.01)

CPC (source: EP US)

E01C 19/288 (2013.01 - EP US)

Cited by

US9982397B2; CN105445445A; EP3447191A1; WO2013174458A1; EP3992364A1; AU2021261837B2; EP2852707B1

Designated contracting state (EPC)

CH CZ DE FR LI SE

DOCDB simple family (publication)

EP 1985761 A2 20081029; EP 1985761 A3 20120829; EP 1985761 B1 20131211; DE 102007019419 A1 20081030; JP 2008268217 A 20081106; JP 5137669 B2 20130206; US 2008260462 A1 20081023; US 7873492 B2 20110118

DOCDB simple family (application)

EP 08154648 A 20080416; DE 102007019419 A 20070423; JP 2008111397 A 20080422; US 8179708 A 20080422