

Title (en)

Method and system for controlling compacting machines

Title (de)

Verfahren und System zur Steuerung von Verdichtungsmaschinen

Title (fr)

Procédé et système destinés à la commande de machines de compactage

Publication

EP 1985760 B1 20090708 (DE)

Application

EP 08002643 A 20080213

Priority

DE 102007018743 A 20070422

Abstract (en)

[origin: EP1985760A1] The method involves measuring oscillations dispersed in underground by a compression machine (20) at a relevant measuring point by sensors (10-13). Oscillation measured values detected by the sensors are determined at a data processing unit (9). The measured values are compared with a permissible oscillation limit value for the respective measuring point, and a compression parameter is changed when a limit value is exceeded to automatically adjust the oscillation measured values measured at the measuring point on a value smaller or equal to the oscillation limit value with a target. An independent claim is also included for a system for a System for controlling a compression machine.

IPC 8 full level

E01C 19/28 (2006.01); **E01C 19/30** (2006.01)

CPC (source: EP US)

E01C 19/288 (2013.01 - EP US); **E02D 3/026** (2013.01 - EP US); **G06Q 50/08** (2013.01 - EP US)

Cited by

DE102011076131A1; EP2752523A1; US2011318155A1; US8930090B2; CN103502535A; WO2012156507A3; WO2012156507A2; US9476761B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1985760 A1 20081029; EP 1985760 B1 20090708; AT E435944 T1 20090715; CN 101289831 A 20081022; CN 101289831 B 20120829; DE 102007018743 A1 20081023; DE 502008000051 D1 20090820; JP 2008267133 A 20081106; JP 5182666 B2 20130417; US 2008286044 A1 20081120; US 8332105 B2 20121211

DOCDB simple family (application)

EP 08002643 A 20080213; AT 08002643 T 20080213; CN 200810091587 A 20080421; DE 102007018743 A 20070422; DE 502008000051 T 20080213; JP 2008108168 A 20080417; US 10767908 A 20080422