

Title (en)  
SYSTEM FOR CONTROLLING AND MONITORING THE OPERATION OF SELF-MOVING MACHINES WITH AN ARTICULATED ARM, SUCH AS CONCRETE PUMPS, AND MAINTENANCE METHOD FOR SAID MACHINES

Title (de)  
VORRICHTUNG ZUM STEuern UND ÜBERWACHEN DES BETRIEBES VON SELBSTFAHRENDEN GERÄTEN MIT GELENKARM, WIE BETONPUMPEN UND METHODE ZUR WARTUNG SOLCHER GERÄTE

Title (fr)  
DISPOSITIF DE COMMANDE ET DE CONTROLE D'EXPLOITATION D'UNE MACHINE AUTOTRACTÉE AVEC UN BRAS ARTICULÉ TEL QUE DES POMPES À BÉTON ET PROCÉDÉ DE MAINTENANCE POUR UNE TELLE MACHINE

Publication  
**EP 1356910 A1 20031029 (EN)**

Application  
**EP 03101118 A 20030423**

Priority  
IT MI20020891 A 20020424

Abstract (en)  
A system for controlling and monitoring the operation of self-moving machines with an articulated arm, particularly concrete pumps, is disclosed comprising a plurality of sensors and transducers apt to collect data regarding the machine position, attitude and operating parameters, and a central unit apt to receive in real time said data, process and compare them with reference data regarding the proper use of the machine and make them comprehensible to an operator. A maintenance method based on the acquisition and comparison of the data of said system equipped with a memory device is also described. <IMAGE>

IPC 1-7  
**B28C 5/42**; **B66C 15/00**

IPC 8 full level  
**E04G 21/04** (2006.01)

CPC (source: EP)  
**E04G 21/04** (2013.01); **E04G 21/0436** (2013.01); **E04G 21/0463** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)  
AL LT LV MK

DOCDB simple family (publication)  
**EP 1356910 A1 20031029**; **EP 1356910 B1 20161005**; IT MI20020891 A0 20020424; IT MI20020891 A1 20031024

DOCDB simple family (application)  
**EP 03101118 A 20030423**; IT MI20020891 A 20020424