

Title (en)
Lifting vehicle comprising mobile lifting arm and control device

Title (de)
Hubfahrzeug mit Hubarm und Steuervorrichtung

Title (fr)
Véhicule élévateur avec bras de levage et dispositif de commande

Publication
EP 2218674 B1 20130123 (EN)

Application
EP 10153251 A 20100211

Priority
IT TO20090100 A 20090211

Abstract (en)
[origin: EP2218674A1] A lifting vehicle (1) comprises a mobile lifting arm (3), first measuring means (16) for measuring at least one working parameter of the arm (3) and a control device (13) receiving an input signal (SJ) and configured for deriving the value of the natural frequency of vibration of the arm (3) as a function of the load and of the working range and for determining a control signal (SV) for actuating the arm (3). In particular, the signal (SV) is defined at least partially by the convolution of the input signal (SJ) with a plurality of pulses having a time delay between one another and an amplitude defined as a function at least of the first natural frequency.

IPC 8 full level
B66F 9/065 (2006.01); **B66F 17/00** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)
B66F 9/0655 (2013.01); **B66F 17/003** (2013.01); **E02F 9/2207** (2013.01)

Cited by
CN103608282A; KR102187141B1; WO2012119985A1

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)
EP 2218674 A1 20100818; EP 2218674 B1 20130123; IT TO20090100 A1 20100812

DOCDB simple family (application)
EP 10153251 A 20100211; IT TO20090100 A 20090211