

Title (en)
CONTROL DEVICE

Title (de)
STEUERVORRICHTUNG

Title (fr)
SYSTÈME DE COMMANDE

Publication
EP 2736833 A1 20140604 (DE)

Application
EP 12741251 A 20120725

Priority

- DE 102011108874 A 20110728
- EP 2012003150 W 20120725

Abstract (en)
[origin: WO2013013821A1] A control means for preventing inadmissibly high tilting moments (MA) in a mobile working machine (7), wherein an evaluation and control apparatus (17) with a computing unit (CPU) is present for evaluating the signals from the respective load sensor (13) and the respective angle sensor (15) and/or for activating the respective actuating device (3), wherein the evaluation and control apparatus (17) is used, at least by way of processing the incoming signals from the load sensor (13) and the angle sensor (15), to determine a maximum possible movement speed (Vmax), for the moving operating arm (5), which prevents the inadmissible tilting moment (MA) in each case, and wherein the respective actuating device (3) activates the operating arm (5) such that the maximum movement speed (Vmax) determined for each displacement position of the operating arm (5) is not exceeded.

IPC 8 full level
B66F 17/00 (2006.01); **B66C 23/90** (2006.01); **E02F 9/20** (2006.01); **E02F 9/24** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP)
B66F 17/003 (2013.01); **E02F 9/2033** (2013.01); **E02F 9/265** (2013.01)

Citation (search report)
See references of WO 2013013821A1

Cited by
WO2019016014A1; WO2019016013A1; CN107905272A; EP3431436A1; CN110958987A; RU2756412C2; DE102021128580A1; EP3431435A1; CN111183110A; RU2757551C2; EP4242160A1; DE102022105449A1; DE102021121163A1; WO2023016771A1; EP3431435B1

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 102011108874 A1 20130131; EP 2736833 A1 20140604; EP 2736833 B1 20150916; WO 2013013821 A1 20130131

DOCDB simple family (application)
DE 102011108874 A 20110728; EP 12741251 A 20120725; EP 2012003150 W 20120725