

Title (en)

WORKING PLATFORM WITH PROTECTION AGAINST SUSTAINED INVOLUNTARY OPERATION

Title (de)

ARBEITSBÜHNE MIT SCHUTZ GEGEN VERZÖGERTEN UNBEABSICHTIGTEN BETRIEB

Title (fr)

PLATE-FORME DE TRAVAIL AVEC PROTECTION CONTRE LE FONCTIONNEMENT INVOLONTAIRE PROLONGÉ

Publication

EP 3173369 A1 20170531 (EN)

Application

EP 16198347 A 20161111

Priority

US 201514950845 A 20151124

Abstract (en)

An aerial work platform (10) includes a control panel (14) with operator controls for manipulating the platform, a control module (26) communicating with the operator controls and controlling manipulation of the platform based on signals from the control panel, and an obstruction sensing system (20). The obstruction sensing system includes a sensor (22) mounted in a vicinity of the platform that monitors an operator area, the platform, and an area around the platform. A processor (24) processes the signal to determine a position of an operator on the platform and a proximity of objects in the area around the platform. The control module is in communication with the processor and is programmed to control the manipulation of the platform or machine based on signals from the processor and input from the operator.

IPC 8 full level

B66F 9/075 (2006.01); **B66F 17/00** (2006.01)

CPC (source: CN EP)

B66F 11/04 (2013.01 - CN); **B66F 11/046** (2013.01 - EP); **B66F 17/006** (2013.01 - CN EP)

Citation (search report)

- [XAY] GB 2495158 A 20130403 - RICHARDS PAUL [GB]
- [YA] US 2015027808 A1 20150129 - BAILLARGEON PAUL D [US], et al
- [YA] JP H05124800 A 19930521 - JAPANIC CORP
- [XA] FR 2836468 A1 20030829 - PINGUELY HAULOTTE [FR]
- [A] JP 2011063352 A 20110331 - CHUGOKU ELECTRIC POWER
- [A] CN 202030492 U 20111109 - HUNAN SINOBOOM HEAVY INDUSTRY CO LTD

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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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3173369 A1 20170531; **EP 3173369 B1 20200527**; AU 2016256781 A1 20170608; AU 2016256781 B2 20180719; CA 2946013 A1 20170524; CA 2946013 C 20191001; CN 106744549 A 20170531; CN 106744549 B 20190423; EP 3725733 A1 20201021; ES 2802462 T3 20210119; JP 2017095093 A 20170601; JP 2019034857 A 20190307; JP 6411434 B2 20181024; JP 7014692 B2 20220201

DOCDB simple family (application)

EP 16198347 A 20161111; AU 2016256781 A 20161110; CA 2946013 A 20161021; CN 201611035314 A 20161123; EP 20176631 A 20161111; ES 16198347 T 20161111; JP 2016224158 A 20161117; JP 2018179788 A 20180926