

Title (en)

OPTO-ELECTRIC SYSTEM OF ENHANCED OPERATOR CONTROL STATION PROTECTION

Title (de)

OPTOELEKTRISCHES SYSTEM FÜR VERBESSERTEN BEDIENERSTEUERUNGSSTATIONSSCHUTZ

Title (fr)

SYSTÈME OPTO-ÉLECTRIQUE DE PROTECTION AMÉLIORÉE DE LA STATION DE COMMANDE DE L'OPÉRATEUR

Publication

**EP 3228582 A3 20171206 (EN)**

Application

**EP 17163943 A 20170330**

Priority

US 201615094286 A 20160408

Abstract (en)

[origin: EP3228582A2] A system for protecting an operator on an aerial work platform (10; 110) from a crushing hazard includes a sensor (e.g.: 402), such as opto-electric sensor, positionable adjacent the control panel area (e.g.: 124). A control system (12) is programmed to control operation of the driving components based on signals from the sensor.

IPC 8 full level

**B66F 9/075** (2006.01); **B66F 11/04** (2006.01); **B66F 17/00** (2006.01); **G01S 15/93** (2006.01)

CPC (source: CN EP)

**B66F 9/075** (2013.01 - EP); **B66F 11/04** (2013.01 - CN EP); **B66F 17/00** (2013.01 - CN EP); **B66F 17/006** (2013.01 - EP)

Citation (search report)

- [XA] JP H05124800 A 19930521 - JAPANIC CORP
- [A] US 2005187712 A1 20050825 - CALLAGHAN MICHAEL L [US], et al
- [A] GB 2495158 A 20130403 - RICHARDS PAUL [GB]
- [A] US 2016075543 A1 20160317 - LOMBARDO DAVID W [US], et al
- [A] FR 2836468 A1 20030829 - PINGUELY HAULOTTE [FR]
- [A] CN 202030492 U 20111109 - HUNAN SINOBOOM HEAVY INDUSTRY CO LTD

Cited by

CN108083188A; CN115303994A

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 3228582 A2 20171011; EP 3228582 A3 20171206; EP 3228582 B1 20190710**; AU 2017202017 A1 20171026; AU 2017202017 B2 20180705; CA 2961995 A1 20171008; CA 2961995 C 20190507; CN 107265365 A 20171020; ES 2746205 T3 20200305; JP 2017186171 A 20171012; JP 6397954 B2 20180926

DOCDB simple family (application)

**EP 17163943 A 20170330**; AU 2017202017 A 20170327; CA 2961995 A 20170324; CN 201710220836 A 20170406; ES 17163943 T 20170330; JP 2017076700 A 20170407