

Title (en)

A HEIGHT ACCESSIBLE WORKING PLATFORM WITH HORIZONTALLY DISPLACEABLE CRADLE

Title (de)

HÖHENZUGÄNGLICHE ARBEITSBÜHNE MIT HORIZONTAL VERSCHIEBBAREM KORB

Title (fr)

PLATE-FORME DE TRAVAIL ACCESSIBLE EN HAUTEUR AVEC BERCEAU COULISSANT HORIZONTALEMENT

Publication

**EP 3296251 A1 20180321 (EN)**

Application

**EP 17188228 A 20170829**

Priority

SG 10201607680R A 20160914

Abstract (en)

The present disclosure relates to a height accessible working platform. The disclosed working platform 100 generally comprises a frame 110 attachable to a lifting system for being moveable along the vertical axis and suspended thereto; a cradle 120; a first arm structure 130 having a proximal end 131 terminated to the frame 110 and a distal end 132 attached to the cradle 120, the first arm structure 130 being extendable and retractable to displace the cradle 120 respectively away from and closer towards one of lateral sides of the frame 110 along a first axis substantially perpendicular to the vertical axis; and a counterweight mechanism 180 mounting at one lateral side of the frame 110 opposing to the cradle 120, the counterweight mechanism 180 being configured to balance the working platform 100 corresponding to displacement of the cradle 120 along the first axis.

IPC 8 full level

**B66F 11/04** (2006.01); **E04G 1/34** (2006.01)

CPC (source: CN EP)

**B66F 11/00** (2013.01 - CN); **B66F 11/04** (2013.01 - EP); **E04G 1/34** (2013.01 - EP)

Citation (applicant)

- EP 94104478 A 19940322
- US 4811819 A 19890314 - SUGIYAMA YUTAKA [JP]
- US 5343979 A 19940906 - GOTO HIDEO [JP]

Citation (search report)

- [A] US 3602335 A 19710831 - GUSTETIC STANLEY J
- [AP] WO 2017122475 A1 20170720 - NISSO IND CO LTD [JP]
- [A] FR 2419893 A1 19791012 - SEMED [FR]
- [AD] US 4811819 A 19890314 - SUGIYAMA YUTAKA [JP]
- [AD] US 5343979 A 19940906 - GOTO HIDEO [JP]

Cited by

CN111268603A

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 3296251 A1 20180321**; **EP 3296251 B1 20191009**; CN 107337162 A 20171110; SG 10201607680R A 20180427

DOCDB simple family (application)

**EP 17188228 A 20170829**; CN 201710807674 A 20170908; SG 10201607680R A 20160914