

Title (en)
An elevatable stage

Title (de)
Anhebbare Bühne

Title (fr)
Étage éleable

Publication
EP 2617918 A3 20140507 (EN)

Application
EP 13305031 A 20130114

Priority
CN 201210019533 A 20120120

Abstract (en)
[origin: EP2617918A2] A combined elevatable stage comprises a main platform, sub-platforms and a main control system. The main platform includes a base structure (1), main platform fixing and guiding devices (2), and main platform actuating devices (3). The base structure is a steel structure. The main platform fixing and guiding devices are positioned at both ends of the base structure. The main platform actuating devices include hydraulic cylinders disposed symmetrically and hydraulic driving means. Elevatable sub-platforms are attached to the surface of the main platform which can make vertical and relative movement with relevance to the main platform, or individual movement when the main platform moves vertically as a whole. All the sub-platforms can be actuated to move individually, synchronistically or in groups, to create more motion effects and better meet performance needs, while the elevating distance of the whole elevatable stage is also extended.

IPC 8 full level
E04H 3/26 (2006.01)

CPC (source: EP KR)
A63J 1/00 (2013.01 - KR); **A63J 5/00** (2013.01 - KR); **A63J 5/02** (2013.01 - KR); **A63J 5/12** (2013.01 - KR); **E04H 3/26** (2013.01 - EP)

Citation (search report)
• [A] DE 10007656 A1 20000914 - KURZ ROSA [DE]
• [A] JP H11223037 A 19990817 - KAYABA INDUSTRY CO LTD

Cited by
CN114984596A; GB2571466A; GB2571466B; US11384607B2; US11002089B2; WO2018094264A1

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 2617918 A2 20130724; EP 2617918 A3 20140507; EP 2617918 B1 20160511; AR 089109 A1 20140730; CA 2795100 A1 20130720; CA 2795100 C 20151013; CL 2013000140 A1 20130913; CN 102535895 A 20120704; CN 102535895 B 20140618; CO 6690118 A1 20130617; ES 2585857 T3 20161010; JP 2013146547 A 20130801; JP 5688493 B2 20150325; KR 101494194 B1 20150225; KR 20130085933 A 20130730; PE 20131007 A1 20131004; RU 2509851 C1 20140320; SG 192329 A1 20130830; UY 34547 A 20130131

DOCDB simple family (application)
EP 13305031 A 20130114; AR P120104589 A 20121207; CA 2795100 A 20121108; CL 2013000140 A 20130114; CN 201210019533 A 20120120; CO 12222725 A 20121207; ES 13305031 T 20130114; JP 2012267804 A 20121207; KR 20120148095 A 20121218; PE 2012002290 A 20121207; RU 2012155874 A 20121221; SG 2012085254 A 20121121; UY 34547 A 20121221