

Title (en)

A lifting and positioning structure for an aerial platform, particularly for use in elevating machines.

Title (de)

Hebe- und Positionierungsstruktur für eine Hocharbeitsplattform, insbesondere zum Gebrauch auf Hebemaschinen.

Title (fr)

Dispositif de levage et de positionnement pour une plateforme aérienne de travail, en particulier pour l'utilisation sur des machines-élévatrices.

Publication

EP 0522315 A1 19930113 (EN)

Application

EP 92110034 A 19920615

Priority

IT MI910642 U 19910712

Abstract (en)

The invention relates to a lifting and positioning structure for an aerial platform as used in elevating machines, provided with devices (13,14) which enable a platform-supporting arm (11) to perform rotations of any extent. The structure comprises a first telescopic arm (5) that can be mounted on a vehicle (2), a second arm (7) mounted to an end of said telescopic arm (5) through a transmission device (13) comprising at least one worm-and-wheel gearing, and a support (11) for the aerial platform(12) similarly mounted to the other end of said second arm (7) through a transmission device (14) comprising at least one worm-and-wheel gearing. <IMAGE>

IPC 1-7

B66F 11/04

IPC 8 full level

B66F 11/04 (2006.01)

CPC (source: EP)

B66F 11/046 (2013.01)

Citation (search report)

- [Y] US 3690408 A 19720912 - RESKE ALBERT E, et al
- [Y] US 3590948 A 19710706 - MILNER EDWIN EARL JR
- [A] GB 2207109 A 19890125 - MASSERON ALAIN OLIVIER FELIX, et al
- [A] GB 2224262 A 19900502 - KASTLE DEV LIMITED [GB]
- [A] FR 2332227 A1 19770617 - LAING & SON LTD JOHN [GB]
- [APD] EP 0460723 A2 19911211 - OP PAGLIERO S P A [IT]
- [A] US 4943019 A 19900724 - MESTER GYULA [DE]
- [A] CA 1198691 A 19851231 - AMADOR HYDRAULICS SERVICES LIM
- [A] US 3074649 A 19630122 - ATKINSON DUANE E

Cited by

EP1422190A1; DE102005024585B4

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR LI LU NL PT SE

DOCDB simple family (publication)

EP 0522315 A1 19930113; FI 922776 A0 19920616; FI 922776 A 19930113; IT 222685 Z2 19950424; IT MI910642 U1 19930112; IT MI910642 V0 19910712

DOCDB simple family (application)

EP 92110034 A 19920615; FI 922776 A 19920616; IT MI910642 U 19910712