

Title (en)
Platform with scissor lift

Title (de)
Hubarbeitsbühne mit Scherenmechanismus

Title (fr)
Nacelle élévatrice à ciseaux

Publication
EP 2147891 A1 20100127 (EN)

Application
EP 09009426 A 20090721

Priority
IT UD20080173 A 20080723

Abstract (en)
Scissor-type lifter comprising a base (2), a platform (3) movable with respect to said base and a plurality of pairs of scissor-like arms (7,8,10,11), each arm of each couple being hinged at the intermediate position with respect to its longitudinal development to the other arm forming said couple, said plurality of arms including at least one couple of upper arms (10,11) and one couple of lower arms (7,8), one couple of which being hinged on one side in a not-sliding way to said base and on the other side in a sliding way to said base and the other couple being hinged on one side in a not-sliding way to said platform and on the other side in a sliding way to said platform and comprising at least one intermediate frame (5) with respect to said base (2) and to said platform (3), said intermediate frame (5) including hinging means (20) not sliding with respect to the frame itself for said couple of lower arms (6) with respect to said intermediate frame (5), hinging means (21) not sliding with respect to the frame itself for said couple of upper arms (9) with respect to said intermediate frame (5), slideable means (17) with respect to the frame itself, said slideable means (17) comprising hinging means (19) for said couple of upper arms (9) with respect to said intermediate frame (5) and hinging means (18) for said couple of lower arms (6) with respect to said intermediate frame, said plurality of arms being arranged on each side of said base, and the lifting system being of the electro-mechanical type with rigid chains (23).

IPC 8 full level
B66F 11/04 (2006.01)

CPC (source: EP)
B66F 11/042 (2013.01)

Citation (applicant)
• GB 1423749 A 19760204 - DUNLOP LTD
• EP 1571083 A1 20050907 - TREPEL AIRPORT EQUIPMENT GMBH [DE]
• DE 9013231 U1 19910117
• US 3341042 A 19670912 - CARDER VICTOR H
• FR 1479687 A 19670505
• FR 2470751 A1 19810612 - GARCONNET CLAUDE [FR]

Citation (search report)
• [A] GB 1423749 A 19760204 - DUNLOP LTD
• [A] EP 1571083 A1 20050907 - TREPEL AIRPORT EQUIPMENT GMBH [DE]
• [A] DE 9013231 U1 19910117
• [A] US 3341042 A 19670912 - CARDER VICTOR H

Cited by
CN110436380A; CN105667379A; CN105271053A; WO2019175601A1

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Designated extension state (EPC)
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