

Title (en)

Apparatus and method for the handling of plates

Title (de)

Vorrichtung und Verfahren zur Handhabung von Platten

Title (fr)

Appareil et procédé pour la manutention des plaques

Publication

**EP 2354364 A2 20110810 (EN)**

Application

**EP 11000776 A 20110201**

Priority

BE 201000064 A 20100205

Abstract (en)

The invention concerns an apparatus (1) and a method for the handling of plates or sheets (2) on a surface (3). The apparatus includes a moveable loading platform (6) for the plates, which platform is moveable by driving means (8) for the plates. The platform is carried by a vertical suspension beam (5). Upon the suspension beam (5) a first carrying arm (16) is mounted perpendicularly to the beam. The said arm (16) is surrounded by an element (26) and has a fixed connection to the loading platform (6). First control means (22) allow the required rotation at an angle A of the element (26) with the loading platform (6) around the first carrying arm. The suspension beam has a second carrying arm (17) mounted crosswise to this beam (5). Its free top end (19) can be connected to a hook (20) of a hoist cable (4) as part of a hoisting device.

IPC 8 full level

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CPC (source: EP)

**B66C 1/26** (2013.01); **E04D 15/003** (2013.01); **E04D 15/04** (2013.01)

Citation (applicant)

- US 6257094 B1 20010710 - BABICH WALTER [US]
- US 5218766 A 19930615 - HIMEBAUGH FORREST K [US]
- US 7013758 B1 20060321 - GENDRON STEPHANE [CA]

Cited by

CN107366393A; CN113979368A; CN103590547A; EP3002385A1; WO2021080424A1; JP2017002497A; DE102016101714A1; NL2024081B1

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