

Title (en)

A device for picking up and transporting loads

Title (de)

Vorrichtung zum Aufnehmen und Transportieren von Lasten

Title (fr)

Dispositif pour prendre et transporter des charges

Publication

EP 0905082 A1 19990331 (EN)

Application

EP 98830581 A 19980930

Priority

IT BO970588 A 19970930

Abstract (en)

A device for picking up and transporting loads comprises a unit (3) that moves along two horizontal axes (X, Y) at right angles to each other and along a vertical axis (Z). The unit 3 consists of: a horizontal beam (4) that mounts means (5) for picking up and releasing the loads; means (6) for driving the beam (4) in a vertical plane that comprises the vertical axis (Z) and capable of raising and lowering the beam in a straight line or at an angle (α) that can be varied in both directions; a carriage (7) made up of a first, lower frame (8) that mounts the drive means (6) and that is rotatably connected to a second, upper, power-driven frame (9) that runs on a first pair of rails (10), the two frames (8, 9) being rotatably linked to each other by connecting means (11) equipped with a power-driven rack (20) for rotating the first frame (8) about the axis (Z); and a pantograph (13) for stabilizing the horizontal beam (4) in the vertical plane during up and down movements. <IMAGE>

IPC 1-7

B66C 17/04; **B66C 13/06**

IPC 8 full level

B66C 13/06 (2006.01); **B66C 17/04** (2006.01)

CPC (source: EP)

B66C 13/06 (2013.01); **B66C 17/04** (2013.01)

Citation (search report)

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