

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 (  $\alpha$  ) 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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