

Title (en)

Semi-automatic handling device for building blocks.

Title (de)

Halbautomatische Versetzeinrichtung für Bausteine.

Title (fr)

Dispositif de manutention semi-automatique pour briques.

Publication

**EP 0153702 A2 19850904 (DE)**

Application

**EP 85101891 A 19850221**

Priority

DE 3406965 A 19840225

Abstract (en)

1. A device for the semi-automatic handling of building blocks for the prefabrication of wall elements along an assembly wall by means of a working vehicle which can be driven parallel to the assembly wall and which carries at least the building blocks and the operator, characterised in that the working vehicle (1) is self-driven, comprises a mortar silo (3) having a pump (3a) and comprises height-adjustable gripping tongs (12) which are guided above head-height and by means of which the building blocks can be transferred from the working vehicle (1) to the desired placement position on the assembly wall (2), and in that a guiding device for the gripping tongs (12) also supports via a height-adjustable arm (14) a mortar line (18) connected to the silo (3), the outlet of which mortar line is height-adjustable, to which end the arm (14) together with the mortar line (16) formed as a tube is acted upon by an opposing force (21) which at least counterbalances the overall weight of the former.

Abstract (de)

Die Erfindung betrifft eine Vorrichtung zum halbautomatischen Versetzen von Bausteinen zur Vorfertigung von Wandelementen längs einer Montagewand unter Verwendung eines Arbeitswagens. Zur Arbeitserleichterung ist der Wagen mit einem Mörtelsilo und einer oberhalb Kopfhöhe befindlichen Führungsvorrichtung für eine höhenverstellbare Greifzange sowie für eine an das Silo angeschlossene Mörtelleitung versehen. Dadurch wird der Handwerker von dem anstrengenden Heben und Umsetzen der Bausteine entlastet und zugleich wird die Mörtelzufuhr vereinfacht.

IPC 1-7

**E04G 21/22**; **E04C 2/04**

IPC 8 full level

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