

Title (en)

ARRANGEMENT FOR CONVEYING CONCRETE WITH A HEIGHT-ADJUSTABLE CONCRETE-DISTRIBUTING MAST

Title (de)

ANORDNUNG ZUM FÖRDERN VON BETON MIT HÖHENVERSTELLBAREM BETONVERTEILERMAST

Title (fr)

DISPOSITIF DE TRANSPORT DE BÉTON AU MOYEN D'UN MÂT DISTRIBUTEUR DE BÉTON RÉGLABLE EN HAUTEUR

Publication

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Application

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Priority

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Abstract (en)

[origin: US8109291B2] The invention relates to an arrangement for conveying concrete for the construction of multi-storey concrete buildings. The arrangement comprises a concrete-distributing mast which is height-adjustable on completed parts of the building, for example on storey floors (48', 48", 48""), the mast comprising a supporting column (10), a rotary unit (12) and an arm assembly (14) preferably designed as an articulated boom, and the mast being equipped with a conveying line (16) which is guided over the height of the supporting column (10) to the arm assembly (14) and which is supplied with liquid concrete. To facilitate the handling of the concrete-distributing mast during transportation and during the climbing operation, the invention proposes that the supporting column (10) has at least one channel-shaped surface depression (36, 38) extending in the longitudinal direction of the column, in which depression can be sunk that part of the conveying line (16) which extends over the supporting column (10), and/or an elongate part of the climbing apparatus (52).

IPC 8 full level

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