

Title (en)
MOVABLE CONCRETE PUMP COMPRISING A DISTRIBUTION BOOM

Title (de)
FAHRBARE BETONPUMPE MIT VERTEILERMAST

Title (fr)
POMPE A BETON TRANSPORTABLE A MAT DISTRIBUTEUR

Publication
EP 1636442 A1 20060322 (DE)

Application
EP 04739580 A 20040604

Priority
• EP 2004006024 W 20040604
• DE 10328767 A 20030625

Abstract (en)
[origin: WO2004113646A1] Disclosed is a movable concrete pump comprising a structural frame (14) that is mounted on a frame (10) of a truck chassis (12), a boom stand (22) which is disposed on the structural frame (14) and can be rotated about a vertical axis (20), and a concrete distribution boom (24) embodied as a multi-member articulated mast. In order to be able to use a distribution boom having a great range, a trailer (34) is provided that has its own undercarriage (34) and is connected to the truck frame (10) via a coupling member (36). The trailer (32) comprises a prop (40) which is rotatable about a vertical axis (38) and accommodates the set of arms that protrude from the rear end of the truck frame (10) while driving on the road. The set of arms forms the coupling member (36) and encompasses a first boom arm (1) and additional boom arms (2 to 4) that are in a folded position relative to the first boom arm.

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E04G 21/04

IPC 8 full level
B66C 23/42 (2006.01); **E04G 21/04** (2006.01)

CPC (source: EP KR US)
B66C 23/42 (2013.01 - EP KR US); **E04G 21/04** (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP KR US); **E04G 21/0445** (2013.01 - KR)

Citation (search report)
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