

Title (en)
CONCRETE PUMP VEHICLE

Title (de)
AUTOBETONPUMPE

Title (fr)
POMPE A BETON AUTOMOBILE

Publication
EP 0630346 B1 19960320 (DE)

Application
EP 93900037 A 19921212

Priority
• DE 4208831 A 19920319
• EP 9202881 W 19921212

Abstract (en)
[origin: WO9318991A1] A concrete pump vehicle has a foldable concrete distributing boom (18) arranged on a chassis (10), a material container (24) arranged next to the rear end of the chassis (10) and a concrete pump (28) connected at its suction side to the material container (24) and at its delivery side to a delivery line (26) that extends over the distributing boom (18). The material container (24) is provided with an anti-splashing device that projects over the edge of the opening and ensures that no concrete splashes reach the machine area during operation of the pump. In order to achieve an optimal splash-protection in both the travelling and working states, the anti-splash device has a wall structure (36) that projects over the edge of the opening and a foldable wall (40) hingedly linked to the area of the upper edge of the wall structure (36). The foldable wall (40) has a swivelling area that overlaps the folded distributing boom (18) and can swivel in a limited range between a travelling position in which it covers the filling opening (30) and a working position, i.e. lifted with respect to the travelling position by 90 C, only when the distributing boom (18) is lifted off its support (48). The foldable wall can be locked in both positions.

IPC 1-7
B65G 53/32; **E04G 21/04**

IPC 8 full level
B65G 53/32 (2006.01); **E04G 21/04** (2006.01)

CPC (source: EP US)
E04G 21/04 (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP US); **Y10S 417/90** (2013.01 - EP US); **Y10T 137/86493** (2015.04 - EP US)

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