

Title (en)
AUTO CONCRETE PUMP

Title (de)
AUTOBETONPUMPE

Title (fr)
POMPE RADIALE A BETON

Publication
EP 1117883 A1 20010725 (DE)

Application
EP 99947351 A 19990915

Priority
• DE 19844341 A 19980928
• DE 19850009 A 19981030
• EP 9906816 W 19990915

Abstract (en)
[origin: US6484752B1] A mobile concrete pump comprising a supporting frame (16) mounted on a chassis (10) and a pump unit (30) disposed on the supporting frame (16) and having a rear material feeder container (32). Conveyor pipes or tubes (38, 40) can be connected to the pump unit (30), and can be transported in magazines (42, 44) along with the automatic concrete pump. The magazines can be easily accessed when they are moved from a transport position substantially parallel to the loading area (48, 50) into a removal or unloading position, with back end tilting downwards, by rotating said magazines around an axis of rotation (52, 54) parallel to the vertical axis of the chassis and tilting around a tilting axis (56, 58) which runs crosswise in relation to their longitudinal axis and perpendicular to the vertical axis of the chassis. Rotation and tilting of the magazines (42, 33) can be done manually or using hydraulic means.

IPC 1-7
E04G 21/04; **B28C 5/42**

IPC 8 full level
B28C 5/42 (2006.01); **E04G 21/04** (2006.01)

CPC (source: EP US)
B28C 5/4234 (2013.01 - EP US); **E04G 21/04** (2013.01 - EP US); **E04G 21/0436** (2013.01 - EP US); **E04G 21/0445** (2013.01 - EP); **Y10T 137/8807** (2015.04 - EP US)

Citation (search report)
See references of WO 0019039A1

Cited by
WO2023020847A1; CN111058637A; CN104271855A; DE102021121178B3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6484752 B1 20021126; EP 1117883 A1 20010725; EP 1117883 B1 20030326; ES 2193748 T3 20031101; WO 0019039 A1 20000406

DOCDB simple family (application)
US 67488500 A 20001107; EP 9906816 W 19990915; EP 99947351 A 19990915; ES 99947351 T 19990915