Title (en)

Movable pump for concrete provided with an improved stabilisation system

Title (de)

Bewegliche Betonpumpe mit verbessertem Stabilisierungssystem

Title (fr)

Pompe mobile pour le béton doté d'un système de stabilisation amélioré

Publication

EP 1847505 A2 20071024 (EN)

Application

EP 07007776 A 20070417

Priority

IT MI20060774 A 20060419

Abstract (en)

A movable pump for concrete comprises a vehicle provided with a frame (16) to which a fifth wheel (15) is fixed that is suitable for supporting a distributing arm (40) for distributing concrete, mounted rotatably thereupon, there being present a pair of front legs (17, 18) and a pair of rear legs (19, 20) for stabilising the pump that are movable between an operative position extending from the vehicle and a retracted non-operative position, the front legs being telescopic and diagonally extendible forward on opposite sides of the vehicle and each having a fixed part that is integral with said frame (16), the rear supporting legs being rotatable hinged on said frame (16) on opposite sides of the vehicle. The fixed parts of the telescopic legs are arranged near the fifth wheel (15) and the rear legs (19, 20) are hinged on the frame with hinge (21, 22) near said fifth wheel (15).

IPC 8 full level

B66C 23/78 (2006.01); **B60S 9/02** (2006.01); **E02F 9/08** (2006.01); **E04G 21/04** (2006.01); **F04B 15/02** (2006.01)

CPC (source: EP)

B66C 23/80 (2013.01); **E02F 9/085** (2013.01); **E04G 21/0436** (2013.01); **F04B 15/02** (2013.01)

Cited by

US2019217826A1; CN102364010A; CN102364009A; CN104988990A; CN111924726A; CN110127543A; KR20150046018A; CN106276641A; CN117227673A; US10611345B2; US9377032B2; US9175484B2; WO2013091328A1; WO2014029552A1; WO2014029517A1; WO2016174136A1; US10526804B2; WO2023029364A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1847505 A2 20071024; **EP 1847505 A3 20081112**; **EP 1847505 B1 20121017**; DK 1847505 T3 20130204; ES 2397858 T3 20130311; IT MI20060774 A1 20071020; PL 1847505 T3 20130329

DOCDB simple family (application)

EP 07007776 A 20070417; DK 07007776 T 20070417; ES 07007776 T 20070417; IT MI20060774 A 20060419; PL 07007776 T 20070417