

Title (en)

AUTOMATIC CONCRETE PUMP COMPRISING A MAST SUPPORT UNIT FOR A DISTRIBUTION MAST, WHICH IS FIXED TO THE CHASSIS

Title (de)

AUTOBETONPUMPE MIT EINER FAHRGESTELLFESTEN MASTAUFLAGEEINHEIT FÜR EINEN VERTEILERMAST

Title (fr)

AUTOPOMPE A BETON POURVUE D'UN ENSEMBLE SUPPORT SOLIDAIRE DU CHASSIS POUR BRAS DISTRIBUTEUR

Publication

EP 1713986 B1 20081022 (DE)

Application

EP 05700901 A 20050114

Priority

- EP 2005000295 W 20050114
- DE 102004007509 A 20040213

Abstract (en)

[origin: US2007277881A1] The invention relates to a mobile concrete pump provided with a chassis, a concrete distribution boom arranged on the chassis, and a boom support unit whereon the folded distribution boom can be supported in the transport position. According to the invention, the boom support unit comprises a housing part which extends above the chassis, is accessible from the outside via closeable openings and comprises at least one support block for the distribution boom which support block is arranged on the top side thereof. The boom support unit can be provided with a switch element which can be actuated by the lying thereupon of the distribution boom, releasing the actuation of the support struts of the mobile concrete pump.

IPC 8 full level

E04G 21/04 (2006.01); **B66C 23/62** (2006.01)

CPC (source: EP KR US)

E04G 21/04 (2013.01 - EP KR US); **E04G 21/0436** (2013.01 - EP US); **Y10T 137/6881** (2015.04 - EP US); **Y10T 137/8807** (2015.04 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2007277881 A1 20071206; US 7654286 B2 20100202; AT E412096 T1 20081115; CN 100451275 C 20090114; CN 1914389 A 20070214; DE 102004007509 A1 20050901; DE 502005005753 D1 20081204; EP 1713986 A2 20061025; EP 1713986 B1 20081022; ES 2314611 T3 20090316; JP 2007527963 A 20071004; JP 4660684 B2 20110330; KR 101294857 B1 20130809; KR 20070003845 A 20070105; WO 2005080706 A2 20050901; WO 2005080706 A3 20051222

DOCDB simple family (application)

US 58901605 A 20050114; AT 05700901 T 20050114; CN 200580003648 A 20050114; DE 102004007509 A 20040213; DE 502005005753 T 20050114; EP 05700901 A 20050114; EP 2005000295 W 20050114; ES 05700901 T 20050114; JP 2006552482 A 20050114; KR 20067015552 A 20050114