

Title (en)
BOOM DEVICE AND CONCRETE PUMP TRUCK

Title (de)
AUSLEGERVORRICHTUNG UND BETONPUMPFahrzeug

Title (fr)
DISPOSITIF DE FLÈCHES ET POMPE À BÉTON SUR CAMION

Publication
EP 2772600 A1 20140903 (EN)

Application
EP 12843691 A 20120414

Priority
• CN 201110322355 A 20111024
• CN 2012074036 W 20120414

Abstract (en)
In one aspect of the invention, a boom apparatus includes at least a first boom, a second boom and a third boom sequentially connected to one another, wherein a root end of the first boom is connected to a turntable, some of the booms is a bent boom occupying at least two column spaces, and when the booms are in a folded state, the boom apparatus occupies at least three column spaces. The invention also provides a concrete pump vehicle having the boom apparatus.

IPC 8 full level
E04G 21/04 (2006.01); **B60P 3/16** (2006.01); **B66C 23/42** (2006.01)

CPC (source: EP US)
E04G 21/04 (2013.01 - US); **E04G 21/0436** (2013.01 - EP US); **E04G 21/0445** (2013.01 - EP US); **Y10T 137/6881** (2015.04 - EP US); **Y10T 137/8807** (2015.04 - EP US)

Cited by
CN114517580A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2014182713 A1 20140703; BR 112014009171 A2 20170613; BR 112014009171 A8 20170620; CN 102409857 A 20120411; CN 102409857 B 20131120; EP 2772600 A1 20140903; EP 2772600 A4 20150527; RU 2014116584 A 20151210; WO 2013060124 A1 20130502

DOCDB simple family (application)
US 201414199507 A 20140306; BR 112014009171 A 20120414; CN 201110322355 A 20111024; CN 2012074036 W 20120414; EP 12843691 A 20120414; RU 2014116584 A 20120414