

Title (en)
LARGE MANIPULATOR

Title (de)
GROSSMANIPULATOR

Title (fr)
MANIPULATEUR DE GRANDE CAPACITÉ

Publication
EP 2118404 A1 20091118 (DE)

Application
EP 08708080 A 20080122

Priority
• EP 2008050715 W 20080122
• DE 102007012575 A 20070313

Abstract (en)
[origin: US2010139792A1] A large manipulator, especially a truck-mounted concrete pump, has a boom base that can be arranged on a frame so as to be pivoted about a substantially vertical axis of rotation. The large manipulator has a pendular element, that hangs down as an articulated boom and a control device for controlling the drive units of the axes of articulation and rotation of the articulated boom. The remote control has at least one inclination sensor which is housed in a housing that is detachably fastened on the pendular element. Two inclination sensors are housed in the housing and are bent at an angle of 90° with respect to each other and with respect to an axis that is parallel to the pendular element axis. The housing has a mark indicating the orientation of at least one of the inclination sensors inside the housing.

IPC 8 full level
E04G 21/04 (2006.01); **B66C 23/00** (2006.01)

CPC (source: EP KR US)
B66C 1/44 (2013.01 - EP US); **B66C 13/063** (2013.01 - EP US); **B66C 13/08** (2013.01 - EP US); **B66C 13/40** (2013.01 - EP US); **B66C 13/44** (2013.01 - EP US); **B66C 13/46** (2013.01 - EP US); **B66C 23/00** (2013.01 - KR); **E04G 21/04** (2013.01 - EP KR US); **E04G 21/0436** (2013.01 - EP US); **E04G 21/0463** (2013.01 - EP US); **Y10T 74/20305** (2015.01 - EP US); **Y10T 137/8275** (2015.04 - EP US); **Y10T 137/8807** (2015.04 - EP US)

Citation (search report)
See references of WO 2008110397A1

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