

Title (en)

DEVICE FOR ACTUATING AN ARTICULATED MAST, ESPECIALLY FOR CONCRETE PUMPS

Title (de)

VORRICHTUNG ZUR BETÄTIGUNG EINES KNICKMASTS INSBESONDERE FÜR BETONPUMPEN

Title (fr)

DISPOSITIF D'ACTIONNEMENT D'UN MAT ARTICULE DESTINE NOTAMMENT A DES POMPES A BETON

Publication

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Application

EP 02706747 A 20020222

Priority

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Abstract (en)

[origin: WO02079596A1] The invention relates to a device for monitoring the safety of an articulated mast (22), especially of a concrete distributor mast, whose mast segments (23 to 27) are controlled via a remote control (50) and a control device (62) that is responsive to the remote control signals using a computer-assisted circuit arrangement (80). Safety monitoring is made possible by the provision of an interrupter element (112, 112') in the control device (62) which disrupts, via a delay member (116), the connection to the control inputs of the actuators (92, 94) associated with the drive units and/or the feed units (98, 100) for the purpose of power or pressurized oil feed once the remote control elements (52) of the remote control device (50) are in the off-position.

IPC 1-7

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IPC 8 full level

E04G 21/04 (2006.01); **B66C 13/18** (2006.01); **B66C 13/40** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 02079596A1

Cited by

DE102016106352A1; WO2017174576A1; US11214970B2

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