

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

**EP 1373661 B1 20051012 (DE)**

Application

**EP 02706747 A 20020222**

Priority

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- EP 0201877 W 20020222

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

**E04G 21/04**; B66C 13/18; B66C 13/40

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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