

Title (en)

Controlling method and device for the safe folding and unfolding of a tower crane

Title (de)

Steuerungsverfahren und -vorrichtung zum sicheren Zusammenklappen und Aufklappen eines Turmkrans

Title (fr)

Procédé et dispositif de commande/contrôle sécurisé du dépliage et repliage d'une grue à tour

Publication

**EP 1327601 B1 20071205 (FR)**

Application

**EP 02356260 A 20021213**

Priority

FR 0200190 A 20020109

Abstract (en)

[origin: EP1327601A1] The method involves operating the actuators in a determined automatic sequence corresponding to the selected unfolding and folding procedure. The actuators are used for folding and unfolding the tower crane. The operation of the sequence is controlled, by detecting the arrival of the mast (5) to a predetermined position. An Independent claim is also included for a device for the safe command and control of the unfolding and folding of the tower crane.

IPC 8 full level

**B66C 23/34** (2006.01); **B66C 23/42** (2006.01); **B66C 23/26** (2006.01)

CPC (source: EP US)

**B66C 23/34** (2013.01 - EP US); **B66C 23/348** (2013.01 - EP US)

Cited by

EP4116251A1; FR3125032A1; EP4385932A1; FR3143582A1; US11999598B2; EP3556711A1; IT201800004677A1

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**EP 02356260 A 20021213**; DE 60223897 T 20021213; ES 02356260 T 20021213; FR 0200190 A 20020109; JP 2003003193 A 20030109; RU 2003100470 A 20030108; US 32592802 A 20021223