

Title (en)
Tower crane with automated assembly

Title (de)
Turmkran mit automatischer Montage

Title (fr)
Grue à tour à montage automatisé

Publication
EP 1930286 B1 20100127 (FR)

Application
EP 07356155 A 20071030

Priority
FR 0610674 A 20061207

Abstract (en)
[origin: EP1930286A2] The crane has a jib in horizontal position or folded along a telescopic mast. A winch mechanism (20) winds a telescoping cable, and has a retaining drum (16) associated to a telescoping drum (13) for unwinding a retaining cable. The drums are mounted and motorized so as to be simultaneously driven in rotation for telescoping the mast or disintegrated from each other for stopping the drum (16) and rotating the drum (13) to insert a mast extension bar at a base of the mast and to load the bar by an upper mast element or another mast extension bar.

IPC 8 full level
B66C 23/28 (2006.01); **B66C 23/34** (2006.01)

CPC (source: EP)
B66C 23/283 (2013.01); **B66C 23/342** (2013.01)

Cited by
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Designated contracting state (EPC)
DE ES IT

DOCDB simple family (publication)
EP 1930286 A2 20080611; **EP 1930286 A3 20080702**; **EP 1930286 B1 20100127**; DE 602007004556 D1 20100318; ES 2340333 T3 20100601; FR 2909651 A1 20080613; FR 2909651 B1 20090116

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