

Title (en)

Locking system for telescopic crane boom with displaceable locking unit

Title (de)

Verriegelungssystem für Teleskopkran ausleger mit verschiebbarer Verriegelungseinheit

Title (fr)

Système de verrouillage pour bras de grue télescopique doté d'une unité de verrouillage déplaçable

Publication

**EP 2210853 B1 20160127 (DE)**

Application

**EP 09176745 A 20091123**

Priority

DE 102009006292 A 20090127

Abstract (en)

[origin: EP2210853A2] The locking system has a locking unit (21) which is slidably arranged in a longitudinal manner in a telescopic cylinder (10). A locking is manufactured between the telescopic cylinder and the telescopic components (1,2,3,4) for ejecting and retracting the telescopic components by the locking unit.

IPC 8 full level

**B66C 23/693** (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP US)

**B66C 23/705** (2013.01 - EP US); **B66C 23/708** (2013.01 - EP US)

Citation (examination)

- EP 0476225 A2 19920325 - LIEBHERR WERK EHINGEN [DE]
- DE 19824672 A1 19981203 - MANNESMANN AG [DE]

Cited by

CN102602810A; EP3597584A1; US11629034B2; EP4357292A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**EP 2210853 A2 20100728; EP 2210853 A3 20110608; EP 2210853 B1 20160127**; CA 2686361 A1 20100727; CA 2686361 C 20141125; CN 101786578 A 20100728; CN 101786578 B 20141224; DE 102009006292 A1 20100812; DE 102009006292 B4 20150326; JP 2010173855 A 20100812; JP 5190046 B2 20130424; KR 101278122 B1 20130624; KR 20100087652 A 20100805; US 2010187194 A1 20100729; US 9085443 B2 20150721

DOCDB simple family (application)

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