

Title (en)

Locking system for telescopic crane boom with displaceable locking unit

Title (de)

Verriegelungssystem für Teleskopkranausleger mit verschiebbarer Verriegelungseinheit

Title (fr)

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

Publication

EP 2210853 A3 20110608 (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 (search report)

- [XY] US 6527131 B1 20030304 - BROECKELMANN GERD [DE], et al
- [Y] DE 10223449 A1 20031204 - TEREX DEMAG GMBH & CO KG [DE]
- [A] DE 10142847 C1 20021121 - DEMAG MOBILE CRANES GMBH & CO [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)

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DOCDB simple family (application)

EP 09176745 A 20091123; CA 2686361 A 20091126; CN 201010002048 A 20100107; DE 102009006292 A 20090127; JP 2009278285 A 20091208; KR 20100006831 A 20100126; US 69376810 A 20100126