

Title (en)
TRAVELING CRANE HAVING TRAVELER AND HOISTING WINCH

Title (de)
LAUFKRAN MIT LAUFKATZE UND SEILWINDE

Title (fr)
GRUE ROULANTE AVEC CHARIOT ROULANT ET TREUIL À CÂBLE

Publication
EP 2435352 A1 20120404 (DE)

Application
EP 10742452 A 20100727

Priority
• EP 2010060923 W 20100727
• DE 102009036356 A 20090806

Abstract (en)
[origin: WO2011015496A1] The invention relates to a traveling crane having a longitudinal beam displaceable on rails, along which a traveler having a hoisting winch comprising a cable drum is displaceable in a transverse direction, by means of which a cable reeved through at least one lower block can be wound up and down, wherein the hoisting winch (10) is displaceable relative to the traveler (7) toward the longitudinal beam (3) in a hoisting winch travel direction (S), such that a cable run out point (20) of the cable (11) that shifts along the cable drum (21) remains in one location relative to the longitudinal extent of the cable drum (21). In order to provide a traveling crane having a longitudinal beam displaceable on rails and comprising an improved construction, the invention proposes that the winching hoist (10) is displaceable transversely to the longitudinal beam (3), that two hoisting winches (10) are provided, the cable drums (21) thereof being disposed parallel to and spaced from each other, that a common cable (11) can be wound up and down by the two cable drums (21), and that the two cable drums (21) comprise cable grooves running in opposite directions (24) and the two cable drums (21) can be operated in the opposite direction of rotation for lifting and lowering a load.

IPC 8 full level
B66D 1/39 (2006.01); **B66C 19/00** (2006.01); **B66D 1/12** (2006.01); **B66D 1/26** (2006.01)

CPC (source: EP KR US)
B66C 1/36 (2013.01 - KR); **B66C 19/00** (2013.01 - EP KR US); **B66D 1/12** (2013.01 - EP KR US); **B66D 1/26** (2013.01 - EP KR US); **B66D 1/39** (2013.01 - EP KR US); **B66C 2700/012** (2013.01 - EP KR US); **B66D 2700/0166** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2011015496A1

Cited by
CN106395640A

Designated contracting state (EPC)
AL 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)
WO 2011015496 A1 20110210; AU 2010280822 A1 20120202; AU 2010280822 B2 20140626; BR PI1010134 A2 20160315; BR PI1010134 B1 20200908; CA 2769609 A1 20110210; CA 2769609 C 20170711; CN 102471042 A 20120523; CN 102471042 B 20140827; DE 102009036356 A1 20110217; EP 2435352 A1 20120404; EP 2435352 B1 20130320; ES 2414646 T3 20130722; JP 2013500917 A 20130110; JP 5864419 B2 20160217; KR 101715423 B1 20170310; KR 20120055494 A 20120531; RU 2492134 C1 20130910; US 2012193315 A1 20120802; US 9016486 B2 20150428

DOCDB simple family (application)
EP 2010060923 W 20100727; AU 2010280822 A 20100727; BR PI1010134 A 20100727; CA 2769609 A 20100727; CN 201080034970 A 20100727; DE 102009036356 A 20090806; EP 10742452 A 20100727; ES 10742452 T 20100727; JP 2012523286 A 20100727; KR 20117030432 A 20100727; RU 2012103696 A 20100727; US 201013388209 A 20100727