

Title (en)
CLAMPING AND PULLING DEVICE

Title (de)
KLEMM- UND ZUGVORRICHTUNG

Title (fr)
DISPOSITIF DE SERRAGE ET DE TRACTION

Publication
EP 2585396 A1 20130501 (DE)

Application
EP 11729300 A 20110630

Priority
• DE 102010032004 A 20100722
• EP 2011061021 W 20110630

Abstract (en)
[origin: CA2804544A1] The invention relates to a clamping and pulling device for the cycled extraction of the hoisting cables of one of the strands of a shaft hoisting system, comprising fixed clamping elements in the longitudinal direction of the hoisting cables and movably arranged clamping elements, wherein two respective opposite movable clamping elements, which surround the hoisting cable in pairs, effect non-positive pressing on the hoisting cable, at least one wedge-shaped clamping surface having an upwardly pointing wedge tip and at least one wedge-shaped clamping surface having a downwardly pointing wedge tip on each fixed and on each movable clamping element, and a drive for moving the movable clamping elements back and forth. In order to create a clamping and pulling device that has a smaller height and is suitable for use on shaft hoisting systems having high cable loads and small cable distances, according to the invention the wedge-shaped clamping surfaces having an upwardly pointing wedge tip and having a downwardly pointing wedge tip are arranged adjacent to each other on each clamping element transversely to the longitudinal direction of the hoisting cable.

IPC 8 full level
B66B 19/02 (2006.01)

CPC (source: EP)
B66B 19/02 (2013.01)

Citation (search report)
See references of WO 2012010391A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010032004 A1 20120126; CA 2804544 A1 20120126; CA 2804544 C 20170425; EP 2585396 A1 20130501; EP 2585396 B1 20140618; RU 2013107708 A 20140827; RU 2561650 C2 20150827; WO 2012010391 A1 20120126; ZA 201300158 B 20130925

DOCDB simple family (application)
DE 102010032004 A 20100722; CA 2804544 A 20110630; EP 11729300 A 20110630; EP 2011061021 W 20110630; RU 2013107708 A 20110630; ZA 201300158 A 20130107