

Title (en)

STOPPING THE SKEW MOTION OF A CONTAINER

Title (de)

STOPPEN DES SCHRÄGLAUFES EINES BEHÄLTERS

Title (fr)

ARRÊT DU MOUVEMENT D'INCLINAISON D'UN CONTENEUR

Publication

EP 1784353 A1 20070516 (EN)

Application

EP 05778170 A 20050831

Priority

- FI 2005050307 W 20050831
- FI 20041141 A 20040901

Abstract (en)

[origin: WO2006024701A1] This publication presents an apparatus for stopping the skew motion (S) of a load, especially a container (8), suspended freely from a crane (1), which crane (1) comprises a spreader (7) suspended freely by ropes (6) for gripping the load and an actuator/actuators (14) intended for turning the load. The apparatus comprises a sensor (16) for measuring the skew motion (S), which sensor is arranged in the spreader (7) fixedly or following along with the spreader during the skew motion. The apparatus also comprises a calculating unit (17) for processing the sensor's (16) measurement information to provide control information for the actuator/actuators (14) and an actuator (14) capable of moving the top ends (6.2', 6.3') of the spreader's (1) first ropes (6.2, 6.3) and/or the top ends (6.1', 6.4') of the second ropes (6.1, 6.4) in order to stop the skew motion. The publication also presents a method for stopping the skew motion (S) of a load, especially a container (8).

IPC 8 full level

B66C 13/06 (2006.01); **B66C 13/08** (2006.01)

IPC 8 main group level

B66C (2006.01)

CPC (source: EP)

B66C 13/08 (2013.01); **B66C 13/085** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006024701 A1 20060309; CN 101014529 A 20070808; CN 101014529 B 20110518; EP 1784353 A1 20070516; EP 1784353 A4 20120307; FI 117969 B 20070515; FI 20041141 A0 20040901; FI 20041141 A 20060302; HK 1107077 A1 20080328; MY 141450 A 20100430

DOCDB simple family (application)

FI 2005050307 W 20050831; CN 200580029429 A 20050831; EP 05778170 A 20050831; FI 20041141 A 20040901; HK 07112513 A 20071115; MY PI20054052 A 20050829