

Title (en)

Anti-sway control method and arrangement

Title (de)

Steuerverfahren und Anordnung zur Schaukelverhinderung

Title (fr)

Procédé et agencement de commande anti-ballant

Publication

EP 2700604 A1 20140226 (EN)

Application

EP 12181009 A 20120820

Priority

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Abstract (en)

The invention is based on the idea of detecting a pendulous swaying motion of a load (8) and at least two positions (12, 13; 13, 14) of the pendulous motion. The pendulous motion is dampened by reeling in a rope (6) hanging the load when the load is near an extreme position (12, 14) and reeling off the rope when the load is near the equilibrium position (13). The reeling in and reeling off periods can be calculated from the at least two detected positions.

IPC 8 full level

B66C 13/06 (2006.01)

CPC (source: EP)

B66C 13/063 (2013.01)

Citation (applicant)

EP 0717004 A2 19960619 - ABB INDUSTRY OY [FI]

Citation (search report)

- [XY] US 2005224438 A1 20051013 - MAURER PETER [DE], et al
- [Y] US 5938052 A 19990817 - MIYANO TOSHIO [JP], et al

Cited by

CN104310218A; JP2020121875A

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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