

Title (en)

System for automatic creation of load cycles of a machine for turning loads

Title (de)

System zur automatischen Erfassung von Lastzyklen einer Maschine zum Umschlagen von Lasten

Title (fr)

Système de détection automatique de cycles de charges d'une machine destinée à envelopper des charges

Publication

EP 2298688 B1 20141008 (DE)

Application

EP 10008610 A 20100818

Priority

DE 102009041661 A 20090916

Abstract (en)

[origin: EP2298688A2] A lifting apparatus raises the load (3) and a transport apparatus performs horizontal movement of the load. The load change detection automatically detects load change based on output signals of lifting force measurement apparatus. A load cycle detection detects position of load as load pick-up point when positive load change is detected and evaluates positive load change as state of new load cycle on basis of query as to whether load has been moved preset distance from load pick-up point. Independent claims are included for the following: (1) system for automatic detection of exchange of load suspension unit; and (2) method for the operation of system for automatic detection of load cycles.

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

CN107285207A; CN104340875A; US9932213B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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