Title (en)

SAFETY APPARATUS FOR A STORAGE AND RETRIEVAL DEVICE, STORAGE AND RETRIEVAL DEVICE AND METHOD FOR MONITORING A STORAGE AND RETRIEVAL DEVICE

Title (de)

SICHERHEITSVORRICHTUNG FÜR EIN REGALBEDIENGERÄT, REGALBEDIENGERÄT SOWIE VERFAHREN ZUR ÜBERWACHUNG EINES REGALBEDIENGERÄTS

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR GERBEUR, GERBEUR ET PROCÉDÉ DE SURVEILLANCE D'UN GERBEUR

Publication

EP 3044155 B1 20170705 (DE)

Application

EP 14762035 A 20140912

Priority

- DE 102013015458 A 20130913
- EP 2014069534 W 20140912

Abstract (en)

[origin: WO2015036558A1] Safety apparatus (80), in particular a safety catch, for a storage and retrieval device (10), a storage and retrieval device (10) comprising lifting gear (30) for driving a moveable lift truck (38) which is coupled to at least one supporting means (60), and a method for monitoring a storage and retrieval device (10). The safety apparatus (80) has a monitoring device (84) which is designed to detect a load state of the at least one supporting means (60), in particular a measured variable that is dependent on the supporting means tension, a holding device (90), in particular a safety catch, which is designed to inhibit a movement of the lift truck (38) selectively, an energy storage device (96), which is designed to supply energy to the holding device (90), and a control device (82), which is designed to actuate the energy storage device (96) depending on a signal detected by the monitoring device (84) in order to activate the holding device (90).

IPC 8 full level

B66F 9/07 (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP)

B66F 9/07 (2013.01); **B66F 17/00** (2013.01)

Cited by

DE102019202147A1; DE102019202147B4

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2015036558 A1 20150319; DE 102013015458 A1 20150319; DE 102013015458 B4 20190418; EP 3044155 A1 20160720; EP 3044155 B1 20170705; ES 2639475 T3 20171026

DOCDB simple family (application)

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