

Title (en)

Electronic push safety and method for preventing unintentional push or pull of pallets in a storage shelf

Title (de)

Elektronische Durchschubsicherung und Verfahren zum Verhindern eines unbeabsichtigten Durchschiebens oder Herausziehens von Paletten in einem Lagerregal

Title (fr)

Protection électronique contre le glissement et procédé destiné à empêcher le glissement ou l'extraction involontaire de palettes dans un rayonnage de stock

Publication

EP 2088116 B1 20130320 (DE)

Application

EP 09150146 A 20090107

Priority

DE 102008009841 A 20080208

Abstract (en)

[origin: EP2088116A2] The device has a rack operating device (20) automatically releasing or retrieving a loading aid e.g. pallet, from a storage position in a storage rack. The device (20) has a load carrying attachment controller (24) with a position detecting device (22) detecting a position of the aid. The device (22) detects deviation of actual position from a reference position of the aid by distance measurement for outputting a deviation signal to the controller stopping a horizontal movement of a horizontally movable load carrying attachment when deviation signal is received. An independent claim is also included for a method for preventing an unintentional moving of a loading aid relative to a storage position in a storage rack.

IPC 8 full level

B66F 9/07 (2006.01); **B65G 1/04** (2006.01); **B66F 17/00** (2006.01)

CPC (source: EP)

B66F 9/07 (2013.01); **B66F 17/003** (2013.01)

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2088116 A2 20090812; **EP 2088116 A3 20111214**; **EP 2088116 B1 20130320**; DE 102008009841 B3 20090806; ES 2407961 T3 20130617; PL 2088116 T3 20130731; SI 2088116 T1 20130731

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EP 09150146 A 20090107; DE 102008009841 A 20080208; ES 09150146 T 20090107; PL 09150146 T 20090107; SI 200930636 T 20090107