Title (en)

A SYSTEM AND METHOD FOR AUTOMATED GOODS STORAGE AND RETRIEVAL

Title (de)

SYSTEM UND VERFAHREN FÜR AUTOMATISIERTE WARENLAGERUNG UND -ORTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DESTINÉS AU STOCKAGE ET À LA RÉCUPÉRATION AUTOMATISÉS DE MARCHANDISES

Publication

EP 2054795 A2 20090506 (EN)

Application

EP 07814216 A 20070817

Priority

- US 2007076197 W 20070817
- US 46742306 A 20060825

Abstract (en)

[origin: US2007031218A1] A system and method for automated storage and retrieval that employs a two-dimensional, vertically oriented storage with storage areas arranged in a grid along a horizontal axis, a lift for access to one or more floors of the storage, and a vehicle transfer area for transfer of vehicles between an exterior transit way and the lift. Unique identification data is assigned to each vehicle upon access to the vehicle transfer area. Next, horological data is acquired corresponding to the identification data. Frequency data is calculated based on the identification data and the horological data, corresponding to the frequency of vehicle ingress and egress. The frequency data is stored in association with the identification data for later use. The vehicle is then transported to a storage area based on the frequency data, with vehicles having a higher frequency of ingress and egress stored in close proximity to the vehicle transfer area.

IPC 8 full level

G06F 7/00 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008024679A2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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