

Title (en)

Apparatus for storing and selectively retrieving articles, and vending machine including such apparatus

Title (de)

Vorrichtung zum Speichern und selektiven Abrufen von Artikeln und Verkaufsmaschine mit einer solchen Vorrichtung

Title (fr)

Appareil pour le stockage et l'extraction sélective d'articles et distributeur doté dudit appareil

Publication

EP 2006812 B1 20120627 (EN)

Application

EP 07270039 A 20070730

Priority

GB 0711150 A 20070611

Abstract (en)

[origin: EP2006812A1] Apparatus for selectively retrieving, moving and placing articles comprises an arm that is mounted to a carriage. The carriage is mounted for movement horizontally and vertically along an array of storage locations each having a horizontal surface on which articles may rest and along which articles may be slid. The arm includes a series of telescoping tubes with over travel protection, a friction drive mechanism, a coiled steel member, a pressure switch, a home position switch and control software with error recovery. Movement of the arm is effected by a stiff strip driven by a friction drive.

IPC 8 full level

G07F 11/62 (2006.01)

CPC (source: EP)

G07F 11/1657 (2020.05); **G07F 11/62** (2013.01)

Cited by

CN107170122A; CN106960512A; CN105809827A; CN112017374A; US2022204266A1; ES2581252A1; RU2752368C2; US9659427B2; US9944472B2; WO2013044204A1; US11620868B2; US11830310B2; US12073679B2; US12125333B2; EP2138983A2

Designated contracting state (EPC)

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