Title (en)
   Automated library article terminal.

Title (de)
   Automatisches Büchereiartikelendgerät.

Title (fr)
   Terminal automatique servant de bibliothèque.

Abstract (en)
   An automated library article terminal is externally operable by the user, to, through a delivery chute mounted and arranged to deliver articles through an external wall, automatically stock, vend, and selectively accept return of and re-stock, so that they can be re-vended, a plurality of reusable articles each having a unique code. A memory stores information comprising the location of the plurality of articles in the terminal. A control is coupled to the memory and is responsive to operation of the terminal by a user to generate control signals. A vertical track member has a rotational drive responsive to the control signals for revolving the vertical track member about a given axis. A vertical lift member is mounted for vertical movement on the vertical track member. A vertical drive is responsive to the control signals for vertically moving the lift member relative to the vertical track member. An article handling member mounted on the vertical lift member extends and retracts in a generally horizontal direction relative to the vertical lift member and can be manipulated to selectively engage and release one of the articles. A code reader is mounted for reading the code of any article transported by the article handling member to or from the delivery chute and for generating an article code signal representative of the code so read and transmitting the article code signal to the memory. Apparatus coupled to the drivers generates a signal corresponding to the location of an article placed by the article handling member and transmits the article location signal to the memory.

IPC 1-7
   G07F 7/06; G07F 11/54; G07F 11/62

IPC 8 full level
   G07F 7/06 (2006.01); **G07F 11/54** (2006.01); **G07F 11/62** (2006.01)

CPC (source: EP)
   G07F 7/069 (2013.01); **G07F 11/54** (2013.01); **G07F 11/62** (2013.01)

Cited by
   EP0885816A1; ITVI20090303A1; US10445743B2; WO9858856A1; WO9953435A3; WO9201273A1; US7379899B1; US9633347B2; US10296916B2; US10417641B2; US6757663B1; US6834268B2; US6463421B2; US6269344B1; US6369709B1; US6464138B1; US6542070B1; US6549141B1; US6750777B2; US6857568B1; US8002182B2; US9846871B2

Designated contracting state (EPC)
   AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
   EP 0349284 A2 19900103; **EP 0349284 A3 19900307**

DOCDB simple family (application)
   EP 89306545 A 19890627