

Title (en)
Dispenser for flat objects.

Title (de)
Ausgeber für flache Gegenstände.

Title (fr)
Distributeur de produits plats.

Publication
EP 0275490 B1 19940427 (FR)

Application
EP 87118615 A 19871215

Priority
FR 8617687 A 19861217

Abstract (en)
[origin: US4787533A] A dispenser for flat products consists of a cabinet containing magazines for storing a plurality of products stacked according to predefined categories, with an outlet slot for a product selected from one of the magazines. A mechanism for extracting and dispensing the products in front of the magazines extracts the top product from a selected stack and transfers it to the outlet slot. This mechanism comprises a product holding device, individually controlled and motorized vertical and horizontal carriages carrying this device and a support for the device articulated to one of the carriages. The support assumes a holding position in which the device is placed against the top product in a selected stack and then moves to a position retracted against the carriages, holding the product. The magazines are inclined to the horizontal so that the stacks are offered up slantwise to the mechanism and the outlet slot is in a side of the cabinet, between the magazines and the mechanism. The dispenser is controlled by a control circuit responsive to a signal selecting one of the products.

IPC 1-7
G07F 11/04; **B65H 3/44**

IPC 8 full level
B65H 3/44 (2006.01); **G07F 11/04** (2006.01)

CPC (source: EP US)
B65H 3/44 (2013.01 - EP US); **G07F 11/045** (2013.01 - EP US)

Cited by
ES2112739A1; WO9410661A1; WO9007757A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
FR 2608570 A1 19880624; **FR 2608570 B1 19890303**; CA 1305455 C 19920721; DE 3789709 D1 19940601; DE 3789709 T2 19940811; EP 0275490 A1 19880727; EP 0275490 B1 19940427; US 4787533 A 19881129

DOCDB simple family (application)
FR 8617687 A 19861217; CA 554494 A 19871216; DE 3789709 T 19871215; EP 87118615 A 19871215; US 13345987 A 19871215