

Title (en)
Device for releasing and dispensing articles

Title (de)
Vorrichtung zum Lösen und Spenden von Artikeln

Title (fr)
Dispositif de dégagement et de distribution d'articles

Publication
EP 0905660 B1 20040519 (FR)

Application
EP 98870197 A 19980916

Priority
BE 9700776 A 19970924

Abstract (en)
[origin: EP0905660A1] The handling mechanism is placed below a column holding a stack of boxes (80, 82) and moves between an inactive and an active position. In the inactive position it can be moved laterally to take a position under the selected stack. In the active position a finger (40) is raised to engage the edge of the bottom item (82) on the stack. The carriage (20) supporting the finger is then moved horizontally, tipping the item onto a chute. A toothed belt drives the mechanism.

IPC 1-7
G07F 11/26; **G07F 11/10**

IPC 8 full level
B65D 85/57 (2006.01); **B65G 59/06** (2006.01); **G07F 11/10** (2006.01); **G07F 11/26** (2006.01); **G11B 23/03** (2006.01)

CPC (source: EP US)
G07F 11/10 (2013.01 - EP US); **G07F 11/26** (2013.01 - EP US)

Cited by
CN111372872A; CN108765734A; BE1013576A3; WO2019096464A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI NL PT

DOCDB simple family (publication)
EP 0905660 A1 19990331; **EP 0905660 B1 20040519**; BE 1011471 A3 19991005; DE 69823942 D1 20040624; DE 69823942 T2 20050519; JP H11165877 A 19990622; US 6126036 A 20001003

DOCDB simple family (application)
EP 98870197 A 19980916; BE 9700776 A 19970924; DE 69823942 T 19980916; JP 28205098 A 19980918; US 15665398 A 19980918