

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

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**EP 98870197 A 19980916**; BE 9700776 A 19970924; DE 69823942 T 19980916; JP 28205098 A 19980918; US 15665398 A 19980918