

Title (en)
Dispensing machine

Title (de)
Ausgabeautomat

Title (fr)
Distributeur

Publication
EP 0991036 B1 20051026 (DE)

Application
EP 99116674 A 19990826

Priority
DE 29817528 U 19981001

Abstract (en)
[origin: EP0991036A2] The dispensing device (10,15) has a number of forwards angled storage shelves for the dispensed goods, stacked one above the other and an electronically controlled manipulator, moved within a free space at the front of the shelves, for removal of the front item from a selected shelf, each shelf provided as a removable unit.

IPC 1-7
G07F 11/16; **G07F 11/32**; **G07F 11/42**

IPC 8 full level
A47F 1/12 (2006.01); **G07F 11/32** (2006.01)

CPC (source: EP)
A47F 1/12 (2013.01); **G07F 11/32** (2013.01)

Citation (examination)
US 3901366 A 19750826 - SCHULLER JAMES T, et al

Cited by
US2024005270A1; US11631294B2; WO2018132763A1; WO2007082537A1; EP1258438A1; WO2024008324A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0991036 A2 20000405; **EP 0991036 A3 20001004**; **EP 0991036 B1 20051026**; AT E308088 T1 20051115; DE 29817528 U1 20000217; DE 59912706 D1 20051201; ES 2251142 T3 20060416

DOCDB simple family (application)
EP 99116674 A 19990826; AT 99116674 T 19990826; DE 29817528 U 19981001; DE 59912706 T 19990826; ES 99116674 T 19990826