Title (en)

Commodity discharge apparatus for vending machine, in which a commodity can be successfully released from a suspension member

Title (de)

Warenabgabevorrichtung für Verkaufsautomat, in welchem Waren aus einem Hängermagazin leicht freigegeben werden können

Title (fr)

Dispositif de délivrance d'articles pour une machine de vente, dans laquelle un article peut être facilement libéré d'un élément de suspension

Publication

EP 0991038 A2 20000405 (EN)

Application

EP 99307755 A 19990930

Priority

- JP 27674698 A 19980930
- JP 27674798 A 19980930

Abstract (en)

For suspending a commodity (100) in a commodity discharge apparatus for a vending machine, a commodity suspension member (3) is connected to an endless chain (2) forming an elongated shape. A suspension-releasing mechanism (1b) is operatively coupled to the commodity suspension member for releasing the commodity from the commodity suspension member at end of the elongated shape. For enhancing the commodity to be released from the commodity suspension member, a release enhancement mechanism (5b) is placed adjacent to the end of the elongated shape and cooperated with the suspension-releasing mechanism. <IMAGE>

IPC 1-7

G07F 11/58; G07F 11/64

IPC 8 full level

G07F 11/64 (2006.01)

CPC (source: EP)

G07F 11/64 (2013.01)

Cited by

EP1273533A1; IT201700054774A1; CN111275885A; EP1628268A3; CN106815933A; CN110503904A; WO2009105560A1; WO2017021456A1

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 0991038 A2 20000405; **EP 0991038 A3 20000927**

DOCDB simple family (application)

EP 99307755 A 19990930