Title (en)
Extraction mechanism for automatic vending machines

Title (de)
Ausgabemechanismus für Verkaufsautomaten

Title (fr)
Mécanisme d'extraction pour machines automatiques de vente

Publication
EP 1028400 B1 20080723 (EN)

Application
EP 00500019 A 20000211

Priority
• ES 9900290 A 19990212
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Abstract (en)
[origin: EP1028400A2] Extraction mechanism for automatic vending machines, particularly for machines which sell products contained in cylindrical or prismatic containers (3) stacked in a horizontal position arranged in quincunxes and forming two columns which are contained by two parallel walls (1, 2), with the extraction mechanism consisting of a retainer (4) element on which rests the lowermost container (3). Retainer (4) consists of at least one approximately semicircular element which may revolve about its axis (5) and placed such that its curved segment (6) together with the lower edge (7) of the opposing wall defines a gap narrower than the diameter of containers (3'), while the straight segment (8) defines an outlet gap slightly larger than said diameter so that container (3') may be let out. <IMAGE> <IMAGE>
[origin: EP1028400A2] The e.g. cans are stacked in a horizontal position in two columns which are contained by two parallel walls (1, 2), with the extraction mechanism consisting of a retainer (4) element on which rests the lowermost can (3). Retainer (4) consists of one or more approximately semicircular elements which may revolve about their axes (5) and are placed so that a curved segment (6) together with the lower edge (7) of the opposing wall defines a gap narrower than the diameter of cans, while the straight segment (8) defines an outlet gap slightly larger than the diameter so that the can may be released. -

IPC 8 full level
G07F 11/24 (2006.01); **G07F 11/08** (2006.01)

CPC (source: EP)
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