

Title (en)
Product housing apparatus and product housing method for vending machine

Title (de)
Produktgehäusevorrichtung und Produktgehäuseverfahren für Verkaufsautomat

Title (fr)
Dispositif et methode pour contenir des produits dans une machine de vente

Publication
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Application
EP 00309612 A 20001031

Priority
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Abstract (en)
A product housing apparatus for a vending machine, for housing therein a plurality of products arranged in the longitudinal direction, the product housing apparatus comprising: a product passage defined by a product rack horizontally extended in the longitudinal direction and left and right partition walls which face each other while leaving a space therebetween in the lateral direction, are extended upward from the product rack, and are extended parallel to each other in the longitudinal direction, the plurality of products being housed in the product passage in the state of being arranged in the longitudinal direction and being abutted against each other; and a convex member which is provided between the left and right partition walls of the product rack so as to extend along the product passage and locks the plurality of products so as to be held in a laid state and in a position inclined on the lower right direction and/or the lower left direction. By virtue of this constitution, inexpensive product housing apparatus and product housing method for a vending machine are provided which can house, in a product passage horizontally extended in the longitudinal direction, various products including, for example, thin products, bagged products, and wrapped products, in the state of being arranged in the longitudinal direction, and, at the same time, can properly and surely deliver the products.

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IPC 8 full level
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Citation (search report)

- [X] US 4757915 A 19880719 - ALBRIGHT HENRY J [US], et al
- [X] US 3591045 A 19710706 - STURROCK JOHN C
- [XY] DE 3223804 C1 19840315 - MUELLER BROT GMBH
- [XY] US 4942980 A 19900724 - HELLERMANN EBERHARD [DE], et al
- [A] DATABASE WPI Section EI Week 199647, Derwent World Patents Index; Class T05, AN 1996-469071, XP002163670

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