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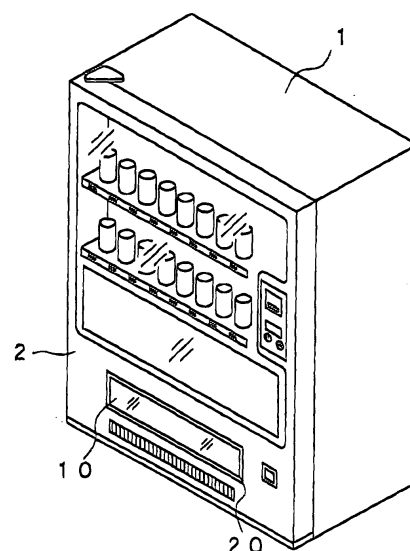
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(54) **Door mechanism for commodity take-out port in vending machine**

(57) The present invention provides a door mechanism for a commodity takeout port 10 in a vending machine which allows a commodity to be easily taken out and which enables a door plate 20 to be quickly closed after the commodity has been taken out. The door mechanism is configured to vary rotative movement resistance offered to a door plate 20 depending on the opening angle of the door plate 20. This makes it possible to reduce the closing speed of the door plate 20 obtained while the fully open door plate 20 is rotatively moved in a closing direction through a predetermined opening angle and to increase the closing speed for the other opening angles. Accordingly, the user can open the door plate 20 with one hand, while taking out a commodity with one hand while the door plate 20 is open. The door plate 20 can thus be closed without leaving the commodity takeout port 10 open for an unnecessarily long time. This prevents the entry of dirt, dust, rainwater, or the like.

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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 May 2006	Examiner Witasse-Moreau, C
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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