

Title (en)  
Article delivery device

Title (de)  
Warenausgabevorrichtung

Title (fr)  
Dispositif de distribution d'articles

Publication  
**EP 1564695 A2 20050817 (EN)**

Application  
**EP 05250815 A 20050211**

Priority  
JP 2004038179 A 20040216

Abstract (en)  
The present invention is intended to provide an article delivery device capable of preventing, after an article is delivered, articles remaining in its article storage from being disturbed in alignment. As the article delivery device is provided with a contact plate (15) that can come into contact with the highest-placed one of the articles (A) stored in the article storage (10), delivering operations can be accomplished reliably without allowing, when the lowest-placed article (A) is delivered, the remaining articles (A) from being disturbed in alignment or being stuck by the impact of their drop on the door plates (22). Furthermore, as the contact plate (15) is composed of a contact portion (15a) coming into contact with the upper face of the article (A) and an engaging portion (15b) engaging with a drop preventing plate (14), the contact plate (15) can be moved in the vertical direction in a state of being engaged with the drop preventing plate (14) to prevent the contact plate (15) from being caused to come off the upper face of the article (A) by the delivering operations of the article delivery device.

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**G07F 11/04**

IPC 8 full level  
**G07F 11/04** (2006.01); **G07F 11/06** (2006.01)

CPC (source: EP)  
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Cited by  
CN111640246A; CN114776198A

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