

Title (en)

Disposable carton dispenser, with internal push plate, allowing the storage and dispensing of stacks of folded sheet-like articles.

Title (de)

Einwegspender aus Karton, mit innenliegender Druckplatte, zur Lagerung und Ausgabe von gestapelten gefalteten Flachartikeln.

Title (fr)

Boîtier distributeur carton, non récupérable, équipé d'un système interne pousseur, permettant de stocker et de distribuer avec soins, des produits en feuilles pliées rassemblés sous forme de liasse épaisse.

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Application

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Abstract (en)

Cardboard storage box 25, equipped with an internal pusher system 13 or 13' enabling the box to be used as a dispenser. The invention relates to the storage function, the dispensing function, when in the vertical position, and the automatic advance of a flexible product in the form of sheets towards an outlet opening. These thin sheets are folded, in a staggered fashion, then stacked, and placed vertically inside the disposable box. The products to be dispensed may be: paper, cellulose wool, fabrics, thermoplastic sheets or the like 13-14-15-16-17-23-7-8-25-26-27. It consists of a parallelepipedal box assembly comprising, on the front face, a rectangular dispensing opening with ovoid or rounded-off corners and topped at its centre by a half-circle through which two or three fingers 7-8-27 can pass, making it easier to grip a product. A driving/pusher assembly, fastened to the sides 14 of the box 17, extends by elastic-member compression 15 and enters into the box 19. This elastic member supports a sole 13 on which it is secured by four holes 1-2. The sole distributes evenly the thrust forces caused by the extension of the elastic member over the entire rear surface of the stacks to be dispensed 23. When dispensing is complete, a compressed part 33 of the pusher sole projects 29 so as to improve gripping of the products to be dispensed.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 4838454 A 19890613 - SALZMANN FERDINAND F [US], et al
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FR2757490A1; FR2707827A1; EP0637903A1

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