

Title (en)  
Carton feeder

Title (de)  
Pappenzuführvorrichtung

Title (fr)  
Dispositif d'alimentation de cartons

Publication  
**EP 0574079 B1 19961030 (EN)**

Application  
**EP 93201591 A 19930603**

Priority  
JP 3818392 U 19920605

Abstract (en)  
[origin: EP0574079A1] An apparatus for feeding cartons which comprises a guide for holding the carton in alignment with a mandrel outwardly thereof while rendering the carton free to move inward toward the mandrel or outward away therefrom, a slider reciprocatingly movable inward and outward along the guide, a carton pushing pawl pivotably mounted on the slider so as to be pivotally movable between a position of engagement with the carton as held by the guide and a nonengagement position, and a spring for urging the pawl to pivotally move toward the engagement position. With the outward movement of the slider, the pawl is pivotally moved from the engagement position to the nonengagement position against the spring by coming into contact with the inner end of the carton as held by the guide and further moves along the outer surface of the carton from its inner end to the outer end thereof. <IMAGE>

IPC 1-7  
**B31B 5/80**; **B65B 43/28**

IPC 8 full level  
**B31B 5/80** (2006.01); **B31B 50/28** (2017.01); **B65B 3/02** (2006.01); **B65B 43/24** (2006.01); **B65B 43/28** (2006.01)

CPC (source: EP US)  
**B65B 3/025** (2013.01 - EP); **B65B 43/285** (2013.01 - EP US); **B31B 50/802** (2017.07 - EP); **B31B 2100/00** (2017.07 - EP); **B31B 2120/30** (2017.07 - EP US)

Cited by  
CN108859253A; EP0769365A3; WO2006027592A3

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0574079 A1 19931215**; **EP 0574079 B1 19961030**; DE 69305696 D1 19961205; DE 69305696 T2 19970306; DK 0574079 T3 19961125; JP 2565229 Y2 19980318; JP H0595727 U 19931227

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