

Title (en)

Device for storing and taking out blanks

Title (de)

Vorrichtung zum Speichern und Entnehmen von Zuschnitten

Title (fr)

Dispositif pour accumuler et prélever des produits découpés

Publication

**EP 0592818 B1 19970326 (DE)**

Application

**EP 93114680 A 19930913**

Priority

DE 4234377 A 19921013

Abstract (en)

[origin: EP0592818A2] 1. Device for storing and taking out blanks (10) of thin cardboard from a blank magazine (12). 2.1. A removal device (16) with a sun wheel (17) and planetary wheels (18, 19) orbiting said sun wheel (17) is used for the continuous removal of blanks (10) of thin cardboard from a blank magazine (12). Each planetary wheel (18, 19) revolving about its own axis takes out a lowermost blank (10) from a blank stack (11) in the blank magazine (12) and transfers it to the sun wheel (17). From the latter, the blank, in conjunction with a conveying disc (51, 52), is transferred into a blank path (14). 2.2. The sun wheel (17) and the planetary wheels (18, 19) grasp the blanks (10) only in a central region, namely in the region of a blank centre strip (46), excluding lateral folded tabs (39, 40; 41, 42). <IMAGE>

IPC 1-7

**B65H 3/10**

IPC 8 full level

**B65H 1/00** (2006.01); **B65H 1/06** (2006.01); **B65H 3/08** (2006.01); **B65H 3/10** (2006.01); **B65H 7/00** (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP US)

**B65H 3/10** (2013.01 - EP US); **B65H 2301/42322** (2013.01 - EP US); **B65H 2701/1764** (2013.01 - EP US)

Cited by

EP1106549A1; US5775062A; GB2302326B; NL1034044C2

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**EP 0592818 A2 19940420**; **EP 0592818 A3 19950322**; **EP 0592818 B1 19970326**; BR 9304152 A 19940419; DE 4234377 A1 19940414; DE 59305944 D1 19970430; JP 2648559 B2 19970903; JP H06219576 A 19940809; US 5472184 A 19951205

DOCDB simple family (application)

**EP 93114680 A 19930913**; BR 9304152 A 19931006; DE 4234377 A 19921013; DE 59305944 T 19930913; JP 25615793 A 19931013; US 12896193 A 19930930