

Title (en)
Storing device for flat objects

Publication
EP 0141806 A2 19850515 (DE)

Application
EP 84890209 A 19841107

Priority
• AT 201484 A 19840620
• AT 395283 A 19831109

Abstract (en)
1. Magazine for plate-shaped objects and orientated in substantially horizontal fashion and in which the plate-shaped objects are disposed to stand one behind another forming a stack (6), preferably with a slight inclination rearwardly, and comprising, associated with the magazine (7, 19, 24), devices (8, 18) for pushing the stack (6) forward to its withdrawal station (33), with which there is associated a withdrawal device (5) for individually extracting plate-shaped objects, and with, disposed above the stack (6) in the region of the withdrawal station (33), a depressor means (30, 31) which engages the objects from above and which is suspended to swing about a horizontal axis (34) aligned transversely of the longitudinal extension of the magazine and which comprises an abutment (38, 43) which is to be applied against the leading end of the stack (6), characterised in that the distance between the abutment (38, 43) and the depressor (39) is so dimensioned that the depressor (39) is associated at least with the upper edge of the second plate-shaped object, as viewed from the withdrawal station (33), so that the withdrawing gripper (5) extracts only the foremost plate-shaped object from the stack (6) and in that the depressor (39) can be raised after it has withdrawn a plate-shaped object and then lowered again prior to withdrawal of the next plate-shaped object.

Abstract (de)
Beschrieben wird ein horizontales Magazin für einen Stapel (6) plattenförmiger Gegenstände mit federnde Mitnehmer aufweisenden Förderketten (8, 18) zum Vorschieben des Stapels (6) zu seiner Entnahmestelle, der eine plattenförmige Gegenstände einzeln entnehmende Entnahmevorrichtung (5) zugeordnet ist. Oberhalb des Stapels (6) ist im Bereich der Entnahmestelle eine von oben an den Gegenständen angreifende Niederhaltevorrättning (30, 31) vorgesehen, die um eine quer zur Längserstreckung des Magazins ausgerichtete, horizontale Achse (34) pendelnd aufgehängt ist und einem am Vorderende des Stapels (6) anzulegenden Anschlag (38, 43) aufweist.

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B65H 1/04; B65H 3/08

IPC 8 full level
B65H 3/08 (2006.01); **B65H 3/50** (2006.01)

CPC (source: EP)
B65H 3/0808 (2013.01); **B65H 3/50** (2013.01)

Cited by
CN115922184A; CN109573671A; EP0310562A1; EP0402348A1; CN115027739A; EP0608678A1; US5503519A; EP0244373A3; CN1078168C; DE8805102U1; CN105858240A; WO9935068A1; WO9201619A1

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