

Title (en)

Method and device for transporting stacks of flat objects, in particular plastic bags or similar

Title (de)

Verfahren und Vorrichtung zum Abtransportieren von gestapelten flachen Gegenständen, insbesondere Taschen oder dergleichen aus Kunststoffolie

Title (fr)

Méthode et dispositif pour transporter des piles d'objets plats, en particulier des sacs plastiques ou similaires

Publication

EP 1078874 A3 20011017 (DE)

Application

EP 00114369 A 20000705

Priority

DE 19940637 A 19990826

Abstract (en)

[origin: EP1078874A2] The method involves acquiring the objects with a gripper hand (2) of a robot (1) and transporting them to the unloading station in the gripper hand. The stack is picked up by the gripper hand near the stacking device (4), held clamped by the hand and folded at least once before the folded stack is deposited in the unloading station after releasing the clamp. An Independent claim is also included for an arrangement for transporting stacked flat plastic foil objects, especially pockets or similar.

IPC 1-7

B65H 31/30

IPC 8 full level

B65H 31/30 (2006.01); **B65H 45/04** (2006.01)

CPC (source: EP US)

B65H 31/30 (2013.01 - EP US); **B65H 45/04** (2013.01 - EP US); **B31B 70/982** (2017.07 - EP US); **B65H 2301/4224** (2013.01 - EP US); **B65H 2404/3141** (2013.01 - EP US); **B65H 2555/30** (2013.01 - EP US); **B65H 2701/191** (2013.01 - EP US)

Citation (search report)

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- [A] US 5185987 A 19930216 - TURVEY ROBERT R [US], et al
- [A] US 3640050 A 19720208 - NYSTRAND ERNST DANIEL, et al
- [A] US 4588070 A 19860513 - SMITH DAVID A [US]
- [DA] DE 3834115 C1 19900503

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