

Title (en)

Procedure and device for depositing bags made from a plastic web in stacks, in particular loop handle carrying bags

Title (de)

Verfahren und Vorrichtung zum stapelweisen Ablegen von Beuteln aus einer Kunststoffolienbahn, insbesondere Schlaufengriff-Tragetaschen

Title (fr)

Procédé et dispositif pour déposer des sacs faits à partir d'une feuille plastique dans les piles, en particulier sacs de porter de poignée de boucle

Publication

EP 0925910 A3 20010725 (DE)

Application

EP 98118604 A 19981001

Priority

DE 19756122 A 19971217

Abstract (en)

[origin: EP0925910A2] Welded carrier bags (5) are placed on top of and behind each other and transported as a scale-like assembly. An automatic signal is produced and a gap formed in the continuous flow to create groups of bags which are then folded, preferably in a Z-form, and fed to a removal conveyer (21) acting as a buffer zone. An independent claim is made for the process plant in which an initial stacking unit has an intermittently moving suction conveyer at least twice the width of the bags (5), a scale flow forming conveyer with belt (6) controlled by a measuring system, bag group forming mechanism and a bag removal conveyer (21). The suction conveyer belts (2) are toothed belts and have a section similar in width to a bag extending transversely into the scale flow conveyer. The measuring system controls periodic brief and high speed movement of the endless conveyer belt (6) to form bag groups within the continuous scale-like flow and a toothed belt above has a finger which inserts into gaps formed between bag groups. The removal conveyer has a continuously driven conveyer belt (43) parallel to and offset from the scale flow conveyer. A transverse transporting system between the parallel conveyer belts has pneumatically operated grippers and a bag group folding mechanism is located in this area.

IPC 1-7

B31B 19/98; **B31B 19/10**

IPC 8 full level

B31B 19/10 (2006.01); **B31B 19/98** (2006.01); **B31B 70/00** (2017.01); **B31B 160/10** (2017.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP); **B31B 70/982** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19756122 A1 19990624; DE 59810267 D1 20040108; EP 0925910 A2 19990630; EP 0925910 A3 20010725; EP 0925910 B1 20031126; ES 2212194 T3 20040716

DOCDB simple family (application)

DE 19756122 A 19971217; DE 59810267 T 19981001; EP 98118604 A 19981001; ES 98118604 T 19981001