Title (en)
Device for receiving and ejecting flat articles in a machine for processing them

Title (de)
Vorrichtung zum Empfangen und Ausstossen von flächigen Gegenständen in einer Maschine zu ihrer Bearbeitung

Title (fr)
Dispositif de réception et d'éjection d'éléments plats dans une machine les travaillant

Publication
EP 1215150 B1 20050817 (FR)

Application
EP 01128021 A 20011126

Priority
CH 24392000 A 20001214

Abstract (en)
[origin: EP1215150A2] The reception and ejection device for flat elements (2) in a packaging production machine (10). The machine continuously delivers several rows of elements placed into parallel layers (22) successively onto three conveyor belts (13,23,33). The layers are cylindrically unloaded into a stacker (40) by means of a layer driving and interrupting mechanism (60). The device allows the separate ejection of a layer to a waste conveyor collecting the flat elements detected as being defective. The mechanism comprises upper (61) and lower (62) trolleys which can move at the same speed in opposite directions along an axis parallel to the row of layers.

IPC 1-7
B65H 33/12; B65H 29/62

IPC 8 full level
B65H 29/24 (2006.01); **B65H 29/62** (2006.01); **B65H 29/66** (2006.01); **B65H 29/68** (2006.01); **B65H 31/30** (2006.01); **B65H 33/12** (2006.01)

CPC (source: EP US)
B65H 29/62 (2013.01 - EP US); **B65H 29/6654** (2013.01 - EP US); **B65H 33/12** (2013.01 - EP US); B65H 2511/22 (2013.01 - EP US); B65H 2701/1764 (2013.01 - EP US)

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DE102010048505B3; AU2009213038B2; US9517912B2; EP2452906A2; WO2013113488A1

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EP 1215150 A2 20020619; **EP 1215150 A3 20040102**; **EP 1215150 B1 20050817**; AT E302155 T1 20050915; AU 9721801 A 20020620; CA 2364915 A1 20020614; CH 694186 A5 20040831; CN 1169702 C 20041006; CN 1358657 A 20020717; DE 60112697 D1 20050922; DE 60112697 T2 20060608; ES 2246283 T3 20060216; JP 2002226116 A 20020814; JP 3887223 B2 20070228; US 2002101031 A1 20020801; US 6672582 B2 20040106

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EP 01128021 A 20011126; AT 01128021 T 20011126; AU 9721801 A 20011213; CA 2364915 A 20011213; CH 24392000 A 20001214; CN 01143880 A 20011214; DE 60112697 T 20011126; ES 01128021 T 20011126; JP 2001381262 A 20011214; US 1706301 A 20011214