

Title (en)  
DEVICE FOR UNSTACKING FLAT OBJECTS THAT DETECTS THE PATH OF UNSTACKED OBJECTS

Title (de)  
VORRICHTUNG ZUM VEREINZELN VON FLACHEN GEGENSTÄNDEN MIT MITTELN ZUM ERFASSEN DES TRANSPORTVERLAUFS DER VEREINZELTEN GEGENSTÄNDE

Title (fr)  
DISPOSITIF DE DÉPILAGE D'OBJETS PLATS AVEC DÉTECTION DE LA TRACE DES OBJETS DÉPILÉS

Publication  
**EP 2454178 A1 20120523 (FR)**

Application  
**EP 10742202 A 20100705**

Priority  
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Abstract (en)  
[origin: WO2011007077A1] The device (1) for unstacking flat objects includes: a magazine (3) in which the objects (2) to be unstacked are stacked, by the edges thereof, against a jogging edge (5) and opposite an unstacking plate (4) that is provided so as to separate a first object (2A) and carry said object in an unstacking direction (A) perpendicular to the jogging edge (5); a conveyor (7) for the unstacked objects that has an inlet (7A) downstream from the jogging edge (5); and a retaining means (8) that is placed between the jogging edge (5) and the conveyor inlet (7A) and is controlled so as to exert, on an object (2A, 2B), a retaining force counteracting the movement of the object. The device includes a detection device (9, 10) capable of sensing and analyzing the path of the object moving between the jogging edge and the conveyor, in order to detect the presence of a plurality of jointly moving objects and control said retaining means on the basis of said detection so as to separate said objects.

IPC 8 full level  
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See references of WO 2011007077A1

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