

Title (en)
Device and method for singulating

Title (de)
Vorrichtung und Verfahren zur Vereinzelung

Title (fr)
Dispositif et procédé de séparation

Publication
EP 1990293 B1 20091118 (DE)

Application
EP 07009043 A 20070504

Priority
EP 07009043 A 20070504

Abstract (en)
[origin: EP1990293A1] The device (1) has two belts that are arranged parallel to each other, where the belts are drivable in opposite direction. Space between the belts is larger than breadth of flat objects (11). A unit is provided for driving the belts. Another unit is provided for varying the space between the belts. The belt driving unit and the space varying unit are arranged on a base plate. A fixing facility is provided for contacting a holding device that is located at to-be-contacted flat objects. A unit (20) for evacuation of an isolated flat object is formed as a transportation belt. An independent claim is also included for a method for separating multiple vertically positioned flat objects under application of a device, which receives flat objects in a vertically standing position, and fixes and conveys the objects in a defined distance from each other.

IPC 8 full level
B65G 15/14 (2006.01); **B28D 5/00** (2006.01)

CPC (source: EP)
B28D 5/0082 (2013.01)

Cited by
CN114148672A; WO2010057671A3; DE102020105818A1; DE102020105818B4

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