

Title (en)  
Stacking device

Title (de)  
Stapelvorrichtung

Title (fr)  
Dispositif d'empilage

Publication  
**EP 1593621 B1 20111005 (DE)**

Application  
**EP 04010658 A 20040505**

Priority  
EP 04010658 A 20040505

Abstract (en)  
[origin: EP1593621A1] The device for the forming of stacks (10) of flat products, especially paper products has at least two stacking tables (42) which move along a circuit-like table orbit (68). The stacking tables at least segment-wise are flexible and therefore in their form are conformable to the curves (99,102,116,130) of the table orbit at least segment-wise and at least in sub-sections. In a stacking section (44) the table orbit between the receiving section and delivery section (46) extends in a straight line, and the stacking tables in the stacking section are orientated horizontally. An independent claim is included for a method for the stacking of products by the proposed device.

IPC 8 full level  
**B65G 57/03** (2006.01); **B65H 29/22** (2006.01); **B65H 5/04** (2006.01); **B65H 9/16** (2006.01); **B65H 29/26** (2006.01); **B65H 31/10** (2006.01); **B65H 31/28** (2006.01); **B65H 31/30** (2006.01); **B65H 33/16** (2006.01)

CPC (source: EP US)  
**B65H 5/04** (2013.01 - EP US); **B65H 31/10** (2013.01 - EP US); **B65H 31/28** (2013.01 - EP US); **B65H 31/3054** (2013.01 - EP US); **B65H 33/16** (2013.01 - EP US); **B65H 2405/352** (2013.01 - EP US); **B65H 2405/361** (2013.01 - EP US)

Cited by  
RU2493087C2; CN107738871A; CN104692176A; CN108423473A; CN111283891A; EP3248917A1; EP2159070A1; US8709190B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1593621 A1 20051109; EP 1593621 B1 20111005**; AT E527194 T1 20111015; JP 2005335951 A 20051208; US 2005269765 A1 20051208; US 7585146 B2 20090908

DOCDB simple family (application)  
**EP 04010658 A 20040505**; AT 04010658 T 20040505; JP 2005134210 A 20050502; US 12208805 A 20050505