

Title (en)

Stacking device for stacking flat workpieces

Title (de)

Stapelbildevorrichtung zum Stapeln von flachen Werkstücken

Title (fr)

Dispositif de formation de pile pour empiler des pièces plates

Publication

**EP 2394940 A3 20121128 (DE)**

Application

**EP 11004825 A 20110614**

Priority

DE 202010005633 U 20100614

Abstract (en)

[origin: EP2394940A2] The apparatus has a suction box attached to a suction tape conveyor (15) i.e. horizontal conveyor, which is movable by a mechanical drive (17) e.g. linear drive or cam plate drive. A pressing mechanism (20) is movable transverse to a suction belt of the suction tape conveyor for transferring workpieces in to a stacking cartridge (19) or stacking stations. The suction tape conveyor and the suction box are connected in series. The stacking cartridge is arranged in a driving direction of the suction tape conveyor, where the workpiece is produced from a sheet of a packaging material.

IPC 8 full level

**B65H 29/24** (2006.01); **B65H 29/46** (2006.01); **B65H 31/24** (2006.01)

CPC (source: EP)

**B65H 29/242** (2013.01); **B65H 29/46** (2013.01); **B65H 31/24** (2013.01); **B65H 2301/44735** (2013.01); **B65H 2403/532** (2013.01); **B65H 2404/2693** (2013.01); **B65H 2406/323** (2013.01); **B65H 2701/1764** (2013.01)

Citation (search report)

- [A] EP 0863100 A1 19980909 - PROCTER & GAMBLE [US]
- [A] GB 827056 A 19600203 - EASTMAN KODAK CO

Cited by

CN117429798A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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