

Title (en)

Conveying device and corresponding method for accelerating or decelerating a stream of conveyed flat articles

Title (de)

Fördereinheit und Verfahren zum Beschleunigen oder Abbremsen eines Stromes von geförderten flachen Gegenständen

Title (fr)

Dispositif de convoyage et procédé correspondant pour accélérer ou décélérer un courant d'articles convoyés plats

Publication

EP 2230203 A3 20141008 (DE)

Application

EP 10405047 A 20100310

Priority

CH 3912009 A 20090316

Abstract (en)

[origin: EP2230203A2] The unit (1) has a support element i.e. support roller (12), for supporting a flat article (5) i.e. printed product, against pressure of a pressing device (2). The support element is compliant and flexible in a cover region (15). The support element comprises a rotation axis, and the pressing device comprises a pressing element (26) for pressing the flat article. An axis of the pressing element is displaced with respect to the rotation axis of the support element in a conveyor direction. The pressing device comprises a pressure roller and a rotating pressing edge. An independent claim is also included for a method for accelerating or decelerating a stream of conveyed flat articles.

IPC 8 full level

B65H 29/66 (2006.01); **B65H 29/12** (2006.01); **B65H 29/68** (2006.01); **B65H 31/30** (2006.01)

CPC (source: EP)

B65H 29/12 (2013.01); **B65H 29/66** (2013.01); **B65H 29/68** (2013.01); **B65H 31/3027** (2013.01); **B65H 2301/42262** (2013.01); **B65H 2301/4451** (2013.01); **B65H 2301/4452** (2013.01); **B65H 2301/4474** (2013.01); **B65H 2404/1112** (2013.01); **B65H 2404/1122** (2013.01); **B65H 2404/1141** (2013.01); **B65H 2404/1411** (2013.01); **B65H 2404/251** (2013.01); **B65H 2406/113** (2013.01); **B65H 2701/1932** (2013.01)

C-Set (source: EP)

B65H 2301/4474 + **B65H 2220/01** + **B65H 2220/02**

Citation (search report)

- [I] JP S63175657 U 19881115
- [XI] EP 0150655 A1 19850807 - BELOIT CORP [US]
- [XI] US 4973039 A 19901127 - JESKE ERWIN [DE], et al

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 10405047 A 20100310; CH 3912009 A 20090316