

Title (en)

Device for feeding printed products to a further work station

Title (de)

Vorrichtung zum Zubringen von Druckereiprodukten zu einer Weiterverarbeitungsstelle

Title (fr)

Dispositif pour alimenter des produits imprimés à une station de traitement ultérieure

Publication

**EP 0755886 B1 20001011 (DE)**

Application

**EP 96110777 A 19960704**

Priority

CH 218395 A 19950725

Abstract (en)

[origin: EP0755886A1] The device has a feeder pulley (21), driven synchronously to the suction lifting element (10), which lifts the top product (1) off the intermediate stack (5). One section (31) of a belt conveyor passes around a part of the pulley circumference (28). The pulley has several evenly distributed apertures (26), to pass the product into the guide gap (33), which has previously been inserted into an aperture by the lifting element. The pulley has a star-like profile, and the apertures form pulley segments (27) with concave sides (26a, b).

IPC 1-7

**B65H 29/66**; **B65H 5/24**

IPC 8 full level

**B65H 5/12** (2006.01); **B65H 5/24** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)

**B65H 29/6645** (2013.01 - EP US); **B65H 29/669** (2013.01 - EP US); **B65H 83/02** (2013.01 - EP US); **B65H 2301/42122** (2013.01 - EP US); **B65H 2301/4213** (2013.01 - EP US); **B65H 2301/42324** (2013.01 - EP US); **B65H 2301/4472** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/4474** (2013.01 - EP US)

C-Set (source: EP US)

1. **B65H 2301/4472** + **B65H 2220/01** + **B65H 2220/02**
2. **B65H 2301/44732** + **B65H 2220/02**
3. **B65H 2301/4474** + **B65H 2220/01**

Cited by

DE19627830B4; EP1541508A1; US7703760B2

Designated contracting state (EPC)

CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0755886 A1 19970129**; **EP 0755886 B1 20001011**; AU 5839696 A 19970130; AU 698518 B2 19981029; CA 2181966 A1 19970126; DE 59605979 D1 20001116; DK 0755886 T3 20001113; JP H09118466 A 19970506; US 5664770 A 19970909

DOCDB simple family (application)

**EP 96110777 A 19960704**; AU 5839696 A 19960705; CA 2181966 A 19960724; DE 59605979 T 19960704; DK 96110777 T 19960704; JP 19461696 A 19960724; US 68624896 A 19960725