

Title (en)

Method and device for transporting flat products

Title (de)

Verfahren und Vorrichtung zum Fördern von flächigen Produkten

Title (fr)

Méthode et dispositif pour transporter des produits plats

Publication

EP 1321410 B1 20060830 (DE)

Application

EP 02023321 A 20021018

Priority

CH 23422001 A 20011221

Abstract (en)

[origin: EP1321410A1] The conveying process involves gripping the products (10,10') at their leading edges at their leading edges to pass them to at least one conveying device (2) in at least one transfer point so that each product at least partly overlaps the previous one. The leading edges (10a,10a') of the products are spaced out from each other.

IPC 8 full level

B65H 29/04 (2006.01)

CPC (source: EP US)

B65H 29/003 (2013.01 - EP US); **B65H 29/66** (2013.01 - EP US); **B65H 2301/42244** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2404/1421** (2013.01 - EP US); **B65H 2404/144** (2013.01 - EP US)

Cited by

WO2010072006A1; CH706917A1; EP1854751A1; CH700240A1; CH712816B1; CH700151A1; AU2006274426B2; EP2383214A1; CH703025A1; US8292062B2; US9102494B2; US8036772B2; WO2008077260A1; WO2007012206A1; WO2011120175A1; EP2206668A1; US8376348B2; US8813949B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1321410 A1 20030625; EP 1321410 B1 20060830; EP 1321410 B8 20070314; AT E337996 T1 20060915; AU 2002301974 B2 20081120; CA 2409455 A1 20030621; CA 2409455 C 20101012; DE 50207993 D1 20061012; DK 1321410 T3 20061009; ES 2266380 T3 20070301; US 2003116908 A1 20030626; US 6976674 B2 20051220

DOCDB simple family (application)

EP 02023321 A 20021018; AT 02023321 T 20021018; AU 2002301974 A 20021113; CA 2409455 A 20021023; DE 50207993 T 20021018; DK 02023321 T 20021018; ES 02023321 T 20021018; US 31657002 A 20021211