

Title (en)

METHOD AND DEVICE FOR LIFTING FLAT PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ANHEBEN FLÄCHIGER ERZEUGNISSE

Title (fr)

PROCEDE ET DISPOSITIF DE LEVAGE DE PRODUITS PLATS

Publication

EP 1259450 B1 20050720 (DE)

Application

EP 01900360 A 20010123

Priority

- CH 0100048 W 20010123
- CH 4152000 A 20000303

Abstract (en)

[origin: US2003146564A1] Method of raising sheet-like products (2), in particular printed products, which are taking part in a conveying process and follow sequentially one after the other, the products (2) resting, at least in certain regions, on a conveying means (1) during the conveying process, it being the case that, for at least a period of time of the raising operation, gravitational force being overcome in the process, the products (2) are pivoted actively about an axis (B) which extends essentially parallel to the direction (A) in which the conveying process is oriented immediately prior to the raising operation.

IPC 1-7

B65H 29/40

IPC 8 full level

B65H 29/40 (2006.01)

CPC (source: EP US)

B65H 29/40 (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0164566 A1 20010907; AT E299834 T1 20050815; AU 2497601 A 20010912; CA 2401825 A1 20010907; CA 2401825 C 20080318;
DE 50106787 D1 20050825; DK 1259450 T3 20050808; EP 1259450 A1 20021127; EP 1259450 B1 20050720; US 2003146564 A1 20030807;
US 6726000 B2 20040427

DOCDB simple family (application)

CH 0100048 W 20010123; AT 01900360 T 20010123; AU 2497601 A 20010123; CA 2401825 A 20010123; DE 50106787 T 20010123;
DK 01900360 T 20010123; EP 01900360 A 20010123; US 22069602 A 20021122