

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 A1 20021127 (DE)

Application

EP 01900360 A 20010123

Priority

- CH 0100048 W 20010123
- CH 4152000 A 20000303

Abstract (en)

[origin: WO0164566A1] The invention relates to a method for lifting flat products (2), in particular, printed products arriving sequentially, one after the other in a conveyor process. The products (2) lie, at least partially, on a conveyor means (1) during the conveyor process. The products are actively rotated about an axis (B) against gravity, during at least a period of the lifting. Said axis is essentially parallel to the direction (A) in which the conveyor process is orientated directly before the lifting.

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)

Citation (search report)

See references of WO 0164566A1

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