

Title (en)

DEVICE FOR PROCESSING FLAT, FLEXIBLE OBJECTS WITH ONE OR MORE PIECES

Title (de)

VORRICHTUNG ZUM VERARBEITEN VON ZWEI- UND MEHRTEILIGEN, FLÄCHIGEN, FLEXIBLEN GEGENSTÄNDEN

Title (fr)

DISPOSITIF POUR USINER DES OBJETS FLEXIBLES ET PLATS, A UNE OU PLUSIEURS PARTIES

Publication

EP 1259447 B1 20050330 (DE)

Application

EP 01900362 A 20010123

Priority

- CH 0100050 W 20010123
- CH 4172000 A 20000303

Abstract (en)

[origin: WO0164561A1] The device comprises a conveyer (12), to which an opening device (18) is allocated. The transfer area (16), through which the displacement path (26) of clamps (24) runs, is situated at the downstream end of the conveyer (12). The clamps have two clamping elements (30) which can be displaced from an open position into a closed position (60') for seizing and holding an object (10). A hold-open element (28) is allocated to the clamps (24). When an object (10) is seized by the clamps (24), said element lies in position between the two parts (22, 22') of the object (10) that have been separated from one another by the opening device (18) and is designed to keep the object (10) open when the clamps are closed (24).

IPC 1-7

B65H 5/30

IPC 8 full level

B65H 5/30 (2006.01); **B65H 29/02** (2006.01)

CPC (source: EP US)

B65H 5/301 (2013.01 - EP US); **B65H 29/003** (2013.01 - EP US); **B65H 29/669** (2013.01 - EP US); **B65H 2301/4471** (2013.01 - EP US); **B65H 2301/44732** (2013.01 - EP US); **B65H 2301/44795** (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 0164561 A1 20010907; AT E292079 T1 20050415; AU 2497801 A 20010912; CA 2401827 A1 20010907; CA 2401827 C 20090324; DE 50105772 D1 20050504; EP 1259447 A1 20021127; EP 1259447 B1 20050330; US 2003146558 A1 20030807; US 6877732 B2 20050412

DOCDB simple family (application)

CH 0100050 W 20010123; AT 01900362 T 20010123; AU 2497801 A 20010123; CA 2401827 A 20010123; DE 50105772 T 20010123; EP 01900362 A 20010123; US 22078302 A 20021104