

Title (en)

DEVICE FOR STACKING SHEETS, ESPECIALLY SHEETS OF PAPER OR CARDBOARD TRANSPORTED BY A STREAM FEEDER, ONTO PALLETS

Title (de)

VORRICHTUNG ZUM STAPELN VON BÖGEN, INSBESONDERE VON GESCHUPPT ZUGEFÖRDERTEN PAPIER- ODER KARTONBÖGEN AUF PALETTEN

Title (fr)

DISPOSITIF D'EMPLAGE DE FEUILLES, EN PARTICULIER DE FEUILLES DE PAPIER OU DE CARTON, TRANSPORTEES PAR MARGEUR A NAPPE, SUR DES PALETTES

Publication

EP 1412270 A1 20040428 (DE)

Application

EP 02745394 A 20020619

Priority

- DE 10134425 A 20010719
- EP 0206762 W 20020619

Abstract (en)

[origin: WO03008313A1] In order to stack sheets of paper or cardboard (1) transported by a stream feeder onto pallets (4), devices are known which comprise a stacking platform (5) which can be raised and lowered, and on which the piles (3) are formed. During the stacking process, the longitudinal edge of a sheet (1) is guided by a separating plate (12) which is suspended on a holding element fixed in the machine frame, and is connected to a vibrator (13) in the form of a shaking element. According to the invention, in order to improve the shaking effect of the separating plate (12), a holding plate (18) is fixed, by means of rubber elements (19), to the holding element fixed in the machine frame, in such a way that it is decoupled from vibrations, the separating plate (12) and vibrator (13) being suspended from the holding plate in a rigid manner.

IPC 1-7

B65H 31/38

IPC 8 full level

B65H 31/38 (2006.01)

CPC (source: EP US)

B65H 31/38 (2013.01 - EP US); **B65H 2301/42172** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

Citation (search report)

See references of WO 03008313A1

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 03008313 A1 20030130; AT E437832 T1 20090815; CA 2473466 A1 20030130; CA 2473466 C 20100831; DE 10134425 A1 20030206; DE 50213728 D1 20090910; EP 1412270 A1 20040428; EP 1412270 B1 20090729; ES 2327107 T3 20091026; JP 2004535998 A 20041202; US 2005051948 A1 20050310

DOCDB simple family (application)

EP 0206762 W 20020619; AT 02745394 T 20020619; CA 2473466 A 20020619; DE 10134425 A 20010719; DE 50213728 T 20020619; EP 02745394 A 20020619; ES 02745394 T 20020619; JP 2003513882 A 20020619; US 48453604 A 20040805