

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 GESCHÜPPT 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 B1 20090729 (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 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)

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