Title (en)

Device for delivering piles of folding boxes

Title (de)

Vorrichtung zum Abstapeln von Faltschachtelschläuchen

Title (fr)

Dispositif de sortie de piles des boîtes pliantes

Publication

EP 1251093 A3 20040428 (DE)

Application

EP 02005689 A 20020313

Priority

DE 10118813 A 20010417

Abstract (en)

[origin: US2002150462A1] A device for stacking folding-box tubes demonstrates a vertically-adjustable elevating platform. First temporary bearing means, which can be pulled out of or advanced into the stacking well, are located above the elevating platform. Another set of temporary bearing means can be pulled out of the stacking well as well as moved downward within the stacking well. The second bearing means also press a completed stack together in order to be able to thread it between a conveying device of a holding-down appliance. The first temporary bearing means provide for uninterrupted stacking within the stacking well while the elevating platform, together with the second bearing device, are busy carrying the stack away.

IPC 1-7

B65H 31/32

IPC 8 full level

B65H 31/32 (2006.01)

CPC (source: EP US)

B65H 31/32 (2013.01 - EP US); B65H 2301/4223 (2013.01 - EP US); B65H 2301/42264 (2013.01 - EP US); B65H 2404/694 (2013.01 - EP US); B65H 2701/1764 (2013.01 - EP); B65H 2701/1766 (2013.01 - EP); B65H 2701/191 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1251093 A2 20021023; **EP 1251093 A3 20040428**; **EP 1251093 B1 20070411**; AT E359226 T1 20070515; DE 10118813 A1 20021031; DE 10118813 C2 20030703; DE 50209892 D1 20070524; ES 2283480 T3 20071101; US 2002150462 A1 20021017

DOCDB simple family (application)

EP 02005689 A 20020313; AT 02005689 T 20020313; DE 10118813 A 20010417; DE 50209892 T 20020313; ES 02005689 T 20020313; US 12464002 A 20020417