

Title (en)

Method and device for erecting foldable panels

Title (de)

Verfahren und Vorrichtung zum Aufklappen von zusammengeklappten Steigen

Title (fr)

Procédé et dispositif pour redresser des panneaux pliables

Publication

EP 1081049 A3 20020731 (DE)

Application

EP 00117773 A 20000818

Priority

IT BZ990036 A 19990827

Abstract (en)

[origin: EP1081049A2] The method for automatic erecting of collapsible crates (8) uses a lift (3) which removes them from a stack and swivelling arms (6, 7) which open the sides (8b, 8k) of the crate. During opening, the base (8d) of the crate is raised at the corners (9a) by a support (9) while grippers (6b, 6h) during the swivelling (6f) operation press the top edge of the transverse wall (8b) towards the base. This wall may also be guided by a toothed guide and a counter-support (6i) during the erecting process. An Independent claim is included for a device for carrying out the method.

IPC 1-7

B65B 43/26; B31B 5/78

IPC 8 full level

B65B 43/28 (2006.01)

CPC (source: EP)

B65B 43/285 (2013.01)

Citation (search report)

[DA] WO 9620113 A1 19960704 - FRUTMAC S R L [IT]

Cited by

DE10229147A1; ITBZ20090033A1; ITAR20100011A1; DE10252374A1; EP1553022A1; NL1025185C2; NL1028457C2; EP1702850A3; NL1026875C2; EP1637455A3; NL1025167C2; EP2181841A1; ITBZ20080045A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1081049 A2 20010307; **EP 1081049 A3 20020731**; IT 1310244 B1 20020211; IT BZ990036 A0 19990827; IT BZ990036 A1 20010227

DOCDB simple family (application)

EP 00117773 A 20000818; IT BZ990036 A 19990827