

Title (en)  
Unfolding device for crates

Title (de)  
Vorrichtung zum Aufklappen von Kasten

Title (fr)  
Dispositif de dépliage de caisses

Publication  
**EP 1637455 A2 20060322 (EN)**

Application  
**EP 05076916 A 20050819**

Priority  
NL 1026875 A 20040819

Abstract (en)  
Device for unfolding folding crates, particularly in a continuous process, wherein the folding crates (1) comprise a crate bottom (2), two opposite first walls (4) that are hinged to the crate bottom and two opposite second walls (3) that are hinged to the crate bottom, that can all be placed in a flat folded position and an unfolded position, respectively, wherein the device comprises a frame (11), as well as conveying means (13) provided on the frame for conveying folding crates through the device in conveyance direction according to a continuous conveyance path, as well as unfolding means (18,21) for unfolding the first and second walls, wherein the conveying means comprise first engagement means for on both sides of a crate engaging onto a folding crate in a clamping manner during conveyance and treatment by the unfolding means.

IPC 8 full level  
**B65B 43/26** (2006.01); **B31B 5/78** (2006.01)

CPC (source: EP US)  
**B65B 43/265** (2013.01 - EP US); **B31B 50/784** (2017.07 - EP); **B31B 2100/00** (2017.07 - EP US); **B31B 2120/30** (2017.07 - EP US)

Cited by  
ITBZ20090033A1; ES2394794A1; ITRN20100022A1; EP2181841A1; ITBZ20080045A1

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