

Title (en)

A carton box which opens by changing shape of the box and a locking mechanism for that

Title (de)

Pappschachtel, die sich durch Veränderung der Form der Schachtel öffnet, und Verriegelungsmechanismus dafür

Title (fr)

Boîte en carton qui s'ouvre en changeant de forme et mécanisme de verrouillage correspondant

Publication

EP 2487121 A1 20120815 (EN)

Application

EP 11396002 A 20110210

Priority

EP 11396002 A 20110210

Abstract (en)

In this paper is described how plate or plates, fibre or fibres or other (6) corresponding elastic material with elastic potential energy form with a carton box and a locking mechanism (Ea, Eb and 11) for that, a functional totality. The box opens when pressed from points 4. The invention improves ease-of-use. Thus kind of boxes are suitable for packing food, cigarettes, cosmetics, medicine and so on.

IPC 8 full level

B65D 85/10 (2006.01)

CPC (source: EP US)

B65D 5/6614 (2013.01 - EP US); **B65D 85/10564** (2020.05 - EP US); **B65D 85/10566** (2020.05 - EP US)

Citation (search report)

- [X] WO 2007043797 A1 20070419 - PARK SANG-KYU [KR]
- [X] WO 2010149375 A1 20101229 - PHILIP MORRIS PROD [CH]
- [X] WO 2009107937 A2 20090903 - LEE HEE JAE [KR]

Designated contracting state (EPC)

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Designated extension state (EPC)

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