

Title (en)

Device for closing the lid of a carton box

Title (de)

Vorrichtung zum Verschliessen von Kartondeckeln o.dgl.

Title (fr)

Moyen pour fermer le couvercle d'une boîte en carton

Publication

**EP 1671889 A1 20060621 (DE)**

Application

**EP 05026793 A 20051208**

Priority

- DE 102004061149 A 20041216
- DE 102005031270 A 20050705

Abstract (en)

The device has a disk-shaped round upper part (3) and a connecting rod (4) at a distance in the longitudinal direction projecting over the upper part. There is a rear holding flap (5) in the transverse direction of the upper part. The connecting rod projects through the gap between the two cardboard covers that are held in between the upper part and the holding flap.

IPC 8 full level

**B65D 5/64** (2006.01); **B65D 5/66** (2006.01)

CPC (source: EP)

**B65D 5/643** (2013.01); **B65D 5/6611** (2013.01)

Citation (search report)

- [X] US 2002178555 A1 20021205 - TSAI STEVEN [TW]
- [X] DE 9408313 U1 19940721 - ZEAWELL AG & CO KG [DE]
- [X] US 6230965 B1 20010515 - DISMUKES PERCY W [US]
- [X] US 2001002678 A1 20010607 - LUBY JAMES H [US]

Cited by

DE102010041163A1; ES2925423A1; US2023073625A1; JP2014198600A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1671889 A1 20060621**; **EP 1671889 B1 20110302**; AT E500150 T1 20110315; DE 102005031270 A1 20060629; DE 502005011025 D1 20110414; PL 1671889 T3 20110831

DOCDB simple family (application)

**EP 05026793 A 20051208**; AT 05026793 T 20051208; DE 102005031270 A 20050705; DE 502005011025 T 20051208; PL 05026793 T 20051208