

Title (en)

Apparatus for folding the end flap of a blank for a cigarette box

Title (de)

Vorrichtung zum Falten der Kopf flasche eines Zuschnitts für eine Zigarettenschachtel

Title (fr)

Dispositif pour plier le rabat terminal d'un flan pour une boîte à cigarettes

Publication

**EP 0963908 B1 20011205 (DE)**

Application

**EP 99117191 A 19980502**

Priority

- DE 19720500 A 19970516
- EP 98108020 A 19980502

Abstract (en)

[origin: EP0878398A1] The top flap (4) is placed against the inside of the front wall (6) of a hinged lid. The side areas (21) of the top flap projecting over the width of the front wall of the lid are bent forwards at predetermined bend lines (23) which can be pre-weakened. The top flap is moved during folding between side pieces of a mouth piece whose spacing from each other is less than the width of the top flap and its side areas. A blank is moved into a folding position. The top flap is moved towards the inner face of a front wall of the lid adjoining the top flap along a fold line. The side areas of the flap projecting over the width of the front of the lid are bent forwards and the blank is then moved on for further folding and finishing processes.

IPC 1-7

**B65B 19/22**; **B31B 1/52**

IPC 8 full level

**B65B 19/20** (2006.01); **B31B 50/52** (2017.01); **B65B 19/22** (2006.01)

CPC (source: EP US)

**B65B 19/228** (2013.01 - EP US); **B31B 50/52** (2017.07 - EP US); **Y10S 493/91** (2013.01 - EP US); **Y10S 493/911** (2013.01 - EP US)

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0878398 A1 19981118**; **EP 0878398 B1 20001213**; CN 1093069 C 20021023; CN 1110430 C 20030604; CN 1199699 A 19981125; CN 1282699 A 20010207; DE 19720500 A1 19981119; DE 59800381 D1 20010118; DE 59802331 D1 20020117; EP 0963908 A1 19991215; EP 0963908 B1 20011205; ES 2153695 T3 20010301; ES 2167979 T3 20020516; HK 1016552 A1 19991105; JP H1111416 A 19990119; US 6113525 A 20000905; US 6322486 B1 20011127

DOCDB simple family (application)

**EP 98108020 A 19980502**; CN 00118086 A 20000609; CN 98108463 A 19980515; DE 19720500 A 19970516; DE 59800381 T 19980502; DE 59802331 T 19980502; EP 99117191 A 19980502; ES 98108020 T 19980502; ES 99117191 T 19980502; HK 99101759 A 19990421; JP 13050398 A 19980513; US 55250700 A 20000419; US 8020298 A 19980518