

Title (en)
OPENING ARRANGEMENT FOR A LID

Publication
EP 0129102 A3 19851211 (DE)

Application
EP 84106022 A 19840526

Priority
DE 3321572 A 19830615

Abstract (en)
[origin: US4513876A] A lid for a packaging container including an easy opening tear-open part which is surrounded by a weakened line. The lid is molded from a compound material, which has an outer carrier layer of plastic, a middle barrier layer of metal foil and an inner heat-sealing layer of a thermoplastic material. In order to facilitate the initial tear of the tear-open part, the middle barrier layer is also thinned or ruptured at least in the starting segment in a location coinciding with the weakening line in the carrier layer.

IPC 1-7
B65D 17/34

IPC 8 full level
B65D 3/10 (2006.01); **B65D 5/70** (2006.01); **B65D 17/28** (2006.01); **B65D 17/34** (2006.01); **B65D 47/36** (2006.01)

CPC (source: EP US)
B65D 5/706 (2013.01 - EP US); **B65D 17/4012** (2017.12 - EP US)

Citation (search report)

- [AP] EP 0104548 A2 19840404 - BOSCH GMBH ROBERT [DE]
- [A] US 4267937 A 19810519 - PILTZ LARS-ERIC, et al
- [A] FR 1319286 A 19630222 - UNITED SHOE MACHINERY CORP

Cited by
US11047167B2; US11261651B2

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0129102 A2 19841227; **EP 0129102 A3 19851211**; **EP 0129102 B1 19880420**; DE 3321572 A1 19841220; DE 3470511 D1 19880526; JP S6013654 A 19850124; US 4513876 A 19850430

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EP 84106022 A 19840526; DE 3321572 A 19830615; DE 3470511 T 19840526; JP 12009184 A 19840613; US 62034384 A 19840613