

Title (en)

POUR OPENING IN A CONTAINER COVER WITH A PULL TAB , AND PRODUCTION OF THIS OPENING

Publication

EP 0221842 B1 19891108 (DE)

Application

EP 86810401 A 19860904

Priority

CH 429385 A 19851004

Abstract (en)

[origin: EP0221842A1] 1. Method of producing a finished pour opening in a container cover formed from aluminium as a light and gas barrier and from plastics material as protective and sealing layers, having a cutting edge, which is protected from corrosion, along the punched rough opening, characterized in that a) the rough opening (9) is punched-out ; b) a rolled flange (11) is produced along the rough opening (9) in such a manner that the cutting edge (19) abuts, or almost abuts, the root (17) of the rolled flange (11) ; c) the rolled flange (11) is flattened in a calibration station (13), and an accurately defined, calibrated, finished opening (99) is produced ; and d) the rolled flange (11) is thereby flattened until the protective layer (15), which is applied to the cover (1), is displaced from the interior of the rolled flange (11) between the cutting edge (19) and the root (17) in such a manner that the edge (19) is covered with the displaced protective layer (15) and is sealed against corrosion.

IPC 1-7

B21D 51/38; **B65D 17/34**

IPC 8 full level

B21D 51/38 (2006.01); **B65D 17/34** (2006.01); **B65D 17/50** (2006.01)

CPC (source: EP US)

B21D 51/383 (2013.01 - EP); **B65D 53/08** (2013.01 - EP US); **B65D 2517/0013** (2013.01 - EP); **B65D 2517/0086** (2013.01 - EP); **B65D 2517/0088** (2013.01 - EP); **B65D 2517/501** (2013.01 - EP); **B65D 2517/5032** (2013.01 - EP); **B65D 2517/5054** (2013.01 - EP); **B65D 2517/5083** (2013.01 - EP)

Cited by

FR3072660A1; CN111246950A; CN111628135A; US11478839B2; WO2019077004A1; JP2008137711A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0221842 A1 19870513; **EP 0221842 B1 19891108**; AT E47818 T1 19891115; DE 3666792 D1 19891214

DOCDB simple family (application)

EP 86810401 A 19860904; AT 86810401 T 19860904; DE 3666792 T 19860904