

Title (en)  
Process for closing metal cans

Title (de)  
Verfahren zum Schließen von Metalldosen

Title (fr)  
Procédé pour la fermeture de boîtes métalliques

Publication  
**EP 2574558 A1 20130403 (EN)**

Application  
**EP 11183555 A 20110930**

Priority  
EP 11183555 A 20110930

Abstract (en)  
A process for closing a metal can body, suitable for containing an edible product, with a can lid, to provide a metal can suitable for heating in a retort. The process comprises: placing a metal lid over and in contact with an open end of a metal can body; applying an inwardly directed mechanical force to the lid such that at least a central portion of the lid is deformed into the interior space of the metal can body; and seaming the lid to the can body to form an airtight seal between the lid and the can body.

IPC 8 full level  
**B65B 7/28** (2006.01); **B65B 29/08** (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)  
**B21D 51/2653** (2013.01 - EP US); **B65B 7/2857** (2013.01 - EP US); **B65B 29/08** (2013.01 - EP US)

Citation (applicant)  
• FR 1119542 A 19560621  
• FR 2753684 A1 19980327 - LORRAINE LAMINAGE [FR]

Citation (search report)  
• [IY] WO 0119683 A1 20010322 - NESTLE SA [CH]  
• [Y] US 2010116374 A1 20100513 - WILSON ALASTAIR [GB], et al  
• [Y] EP 0127155 A1 19841205 - ALCAN OHLER GMBH [DE]  
• [Y] US 4180959 A 19800101 - HEMPEL ROBERT P JR [BR], et al  
• [Y] US 4967538 A 19901106 - LEFTAULT JR CHARLES J [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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**EP 11183555 A 20110930**; CA 2850244 A 20120910; EP 12759411 A 20120910; EP 2012067620 W 20120910; ES 12759411 T 20120910; HU E12759411 A 20120910; MX 2014003809 A 20120910; US 201214348086 A 20120910