

Title (en)  
PROCESS AND INSTALLATION FOR MANUFACTURING METAL CONTAINERS AND METAL CONTAINER OBTAINED WITH THE PROCESS

Title (de)  
VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON METALLBEHÄLTERN UND MIT DEM VERFAHREN HERGESTELLTER METALLBEHÄLTER

Title (fr)  
PROCÉDÉ ET INSTALLATION DE FABRICATION DE RÉCIPIENTS MÉTALLIQUES ET RÉCIPIENT MÉTALLIQUE OBTENU PAR CE PROCÉDÉ

Publication  
**EP 4400230 A1 20240717 (EN)**

Application  
**EP 23382011 A 20230110**

Priority  
EP 23382011 A 20230110

Abstract (en)  
Process and installation for manufacturing metal containers and the metal container obtained with the process, where the process comprises supplying a metal disc, extruding the disc to form a metal container (10), applying a coating (15) on the inside of the container (10), deforming the open end (14) of the container (10) to obtain a neck (16) with a curled portion (17), and pressing the curled portion (17) to obtain a flat surface (18) in a normal plane with respect to the main axis of the container (10), and machining the curled portion (17) that has been previously pressed to remove the coating (15) from the curled portion (17), leaving the metal of the container (10) exposed.

IPC 8 full level  
**B21D 51/26** (2006.01); **B21C 23/18** (2006.01)

CPC (source: EP)  
**B21D 51/2623** (2013.01); **B21C 23/18** (2013.01); **B21D 51/2615** (2013.01)

Citation (applicant)  
EP 0915029 A1 19990512 - PROCTER & GAMBLE [US]

Citation (search report)  

- [XA] US 2014299566 A1 20141009 - TAKATOMI TETSUYA [JP], et al
- [XDA] EP 0915029 A1 19990512 - PROCTER & GAMBLE [US]
- [XA] DE 2932826 A1 19810326 - LECHNER GMBH
- [XA] CN 102616421 A 20120801 - UNIVERSAL CAN CORP
- [XA] JP 2003011979 A 20030115 - TAKEUCHI PRESS
- [A] US 2020199715 A1 20200625 - SILES JOHN L [US], et al

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