

Title (en)

METHOD FOR PRODUCING A ROLLED EDGE, USE OF SUCH METHOD FOR PRODUCING AN AEROSOL DOME FOR A SPRAY CONTAINER AND SUCH A SPRAY CONTAINER

Title (de)

VERFAHREN ZUM HERSTELLEN EINES ROLLRANDES

Title (fr)

PROCÉDÉ DE FABRICATION D'UN BORD ROULÉ, USAGE D'UN TEL PROCÉDÉ POUR LA FABRICATION D'UN DOME D'AEROSOL POUR UNE BOMBE AEROSOL ET TELLE BOMBE AEROSOL

Publication

EP 3691810 B1 20210901 (DE)

Application

EP 18778904 A 20180927

Priority

- EP 17194330 A 20171002
- EP 2018076201 W 20180927

Abstract (en)

[origin: WO2019068539A1] The invention relates to a method for producing a rolled edge from a cylindrical edge portion (11) of a pipe. In the method, a starting zone (14) of the edge portion (11) is rolled by a forcibly controlled tool (30). A flanging die (21) then advances into the rolled edge portion (11) and flanges the rolled edge portion into a roll (12). The method according to the invention is characterized in that the starting zone (14) of the edge portion (11) is folded over by the tool (30), which comprises a folding die (37) and counterholder (34), at an angle (α) in the range from 75-105° from the axial direction (45) into a substantially radially peripheral flange (41). The invention further relates to elements, in particular in the form of an aerosol dome, having such rolled edges.

IPC 8 full level

B21D 51/26 (2006.01); **B21D 19/12** (2006.01); **B21D 51/24** (2006.01)

CPC (source: EP US)

B21D 7/02 (2013.01 - US); **B21D 19/12** (2013.01 - EP); **B21D 51/24** (2013.01 - EP); **B21D 51/2623** (2013.01 - EP)

Cited by

EP4101558A1; WO2024105098A1

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

DOCDB simple family (publication)

WO 2019068539 A1 20190411; CN 111372700 A 20200703; CN 111372700 B 20220830; EP 3691810 A1 20200812; EP 3691810 B1 20210901; ES 2898759 T3 20220308; JP 2020535969 A 20201210; JP 7261228 B2 20230419; PL 3691810 T3 20220321; US 11498105 B2 20221115; US 2020246854 A1 20200806

DOCDB simple family (application)

EP 2018076201 W 20180927; CN 201880064508 A 20180927; EP 18778904 A 20180927; ES 18778904 T 20180927; JP 2020518699 A 20180927; PL 18778904 T 20180927; US 201816652889 A 20180927