

Title (en)

Process and apparatus for coating the inside of a gas bottle

Title (de)

Verfahren und Vorrichtung zur Innenbeschichtung einer Gasflasche

Title (fr)

Procédé et appareil pour revêtir l'intérieur d'une bouteille de gaz

Publication

EP 0826433 A3 20000524 (DE)

Application

EP 97890171 A 19970828

Priority

AT 50396 U 19960829

Abstract (en)

[origin: EP0826433A2] The coating process comprises warming the bottle (1), dropping thermoplastic plastic powder into it, turning the bottle by its inner wall about its longitudinal axis (21) and angling it to varying extents to an axis (16) running across the longitudinal axis. The powder melts and formed a coating. A carrier (7) can turn on a mounting, carrying a clamping device (8) for the gas bottle, which can also turn. The carrier has an angling drive (14) and the clamping device (8) has a rotary drive (39).

IPC 1-7

B05D 7/22; **B05D 7/14**; **B05D 1/00**

IPC 8 full level

B05D 1/00 (2006.01); **B05D 7/22** (2006.01); **F17C 1/10** (2006.01)

CPC (source: EP)

B05D 1/002 (2013.01); **B05D 7/227** (2013.01); **F17C 1/10** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/0114** (2013.01); **F17C 2201/054** (2013.01); **F17C 2201/056** (2013.01); **F17C 2203/0604** (2013.01); **F17C 2203/0619** (2013.01); **F17C 2203/0639** (2013.01); **F17C 2203/0646** (2013.01); **F17C 2203/066** (2013.01); **F17C 2205/018** (2013.01); **F17C 2209/227** (2013.01); **F17C 2209/232** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2260/013** (2013.01); **F17C 2260/053** (2013.01); **F17C 2270/0745** (2013.01)

Citation (search report)

- [DY] WO 9416956 A1 19940804 - LIQUID CARBONIC CORP [US]
- [DY] DD 159529 A1 19830316 - DEUTSCHER KLAUS, et al
- [A] DE 4444553 A1 19950629 - MANNESMANN AG [DE]

Cited by

CN110180719A; CN102502173A; CN104105919A; IT202200019962A1; CN102620560A; WO2012124253A1; WO2013083169A1; WO2024069661A1; WO2013083653A3; WO2013083651A3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0826433 A2 19980304; **EP 0826433 A3 20000524**; **EP 0826433 B1 20040317**; AT 1592 U1 19970825; DE 59711407 D1 20040422

DOCDB simple family (application)

EP 97890171 A 19970828; AT 50396 U 19960829; DE 59711407 T 19970828