

Title (en)

BOTTLE WITH ROUNDED BOTTOM PROVIDED WITH A BASE AND A PASSAGE FOR A PASTEURIZING FLUID, AND BASE THEREFOR

Publication

EP 0230816 B1 19900912 (FR)

Application

EP 86402801 A 19861215

Priority

FR 8518839 A 19851219

Abstract (en)

[origin: US4817806A] A bottle has a rounded bottom, a lateral wall and a separate base. The base comprises a lateral wall which surrounds and is fixed to a lower portion of the lateral wall of the bottle. It also comprises an annular support boss and a bottom part comprising an area supporting the bottom of the bottle. The bottle comprises a passage for a heat exchange fluid. This passage includes inlet and outlet areas for the heat exchange fluid. The flow of the fluid through the passage passes across part of the bottom of the bottle. This facilitates effective pasteurization or deep-freezing of the bottle's contents.

IPC 1-7

B65D 23/00; **B65D 25/24**

IPC 8 full level

B65D 23/00 (2006.01); **B65D 25/24** (2006.01); **F28D 1/06** (2006.01)

CPC (source: EP US)

B65D 23/001 (2013.01 - EP US); **Y10S 215/902** (2013.01 - EP US)

Cited by

EP0387084A1; US5062537A; EP0647567A1; BE1007524A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

US 4817806 A 19890404; AT E56409 T1 19900915; DE 230816 T1 19880225; DE 3674188 D1 19901018; EP 0230816 A1 19870805; EP 0230816 B1 19900912; ES 2000195 A4 19880116; ES 2000195 B3 19910401; FR 2592000 A1 19870626; FR 2592000 B1 19880325; GR 3001186 T3 19920630; GR 880300014 T1 19881018; JP S62235057 A 19871015

DOCDB simple family (application)

US 94302586 A 19861218; AT 86402801 T 19861215; DE 3674188 T 19861215; DE 86402801 T 19861215; EP 86402801 A 19861215; ES 86402801 T 19861215; FR 8518839 A 19851219; GR 880300014 T 19880520; GR 900401054 T 19901211; JP 30356186 A 19861219