

Title (en)

FILLING MACHINE FOR FOAMING LIQUIDS

Publication

**EP 0103484 A3 19840502 (EN)**

Application

**EP 83305347 A 19830913**

Priority

US 41750582 A 19820913

Abstract (en)

[origin: EP0103484A2] A filling nozzle assembly includes an elongated fill sleeve (94) for insertion into a container (14). A fill tip (92) is located at an end of the sleeve and is axially slidable between open and closed positions. A spring 122 biases the tip to its closed position. An apparatus (24, 32) is provided to lower the sleeve into the container during which time a shroud (96) contacts the container inhibiting further insertion of the sleeve, but permitting axial movement of the fill tip, thereby opening same. A latch (100) keeps the fill tip open as the sleeve is withdrawn from the container until the latch is tripped by a release mechanism (146).

IPC 1-7

**B67C 3/26**; **B67C 3/04**

IPC 8 full level

**B67C 3/02** (2006.01); **B67C 3/04** (2006.01); **B67C 3/22** (2006.01); **B67C 3/26** (2006.01)

CPC (source: EP)

**B67C 3/04** (2013.01); **B67C 3/26** (2013.01); **B67C 3/2608** (2013.01); **B67C 2003/2671** (2013.01)

Citation (search report)

[AD] US 3056436 A 19621002 - FECHHEIMER PAUL R, et al

Cited by

CN111453070A; US5001550A; EP0166803A1; EP2141115A1; EP0906888A1; US6056208A; CN109019487A; FR3101074A1; US8424575B2; WO2021053297A1; US7762430B2; US11745992B2

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