

Title (en)

PROCESS AND DEVICE FOR STERILE BOTTLING OF BEVERAGES.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM STERILEN ABFÜLLEN VON GETRÄNKEFLÜSSIGKEITEN.

Title (fr)

PROCEDE ET DISPOSITIF DE REMPLISSAGE STERILE DE RECIPIENTS AVEC DES BOISSONS.

Publication

**EP 0531358 B1 19950222 (DE)**

Application

**EP 91909814 A 19910522**

Priority

- DE 4018122 A 19900606
- DE 4036290 A 19901114
- EP 9100953 W 19910522

Abstract (en)

[origin: US5558135A] A process and a device for the sterile filling of beverage liquids. In the process and device a bottle is sterilized by passing steam into it through a short feed pipe. All other phases such as CO<sub>2</sub> flushing, counter-pressurizing and return gas discharge also take place through the feed pipe. During the filling process the liquid to be filled flows into the bottle around the feed pipe.

IPC 1-7

**B67C 3/10**

IPC 8 full level

**B67C 3/00** (2006.01); **B67C 3/10** (2006.01); **B67C 3/12** (2006.01); **B67C 3/26** (2006.01); **B67C 3/28** (2006.01); **B67C 7/00** (2006.01)

CPC (source: EP US)

**B67C 3/10** (2013.01 - EP US); **B67C 3/12** (2013.01 - EP US); **B67C 3/2642** (2013.01 - EP US); **B67C 3/28** (2013.01 - EP US); **B67C 7/0073** (2013.01 - EP US); **B67C 2003/2651** (2013.01 - EP US); **B67C 2003/2685** (2013.01 - EP US)

Citation (examination)

US 2862528 A 19581202 - WILLIAM GEISLER

Cited by

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DOCDB simple family (publication)

**US 5558135 A 19960924**; AT E118752 T1 19950315; BR 9106513 A 19930525; CA 2084784 A1 19911207; DE 4036290 A1 19911212; DE 59104718 D1 19950330; EP 0531358 A1 19930317; EP 0531358 B1 19950222; ES 2068584 T3 19950416; JP 2554221 B2 19961113; JP H05507053 A 19931014; WO 9118823 A1 19911212

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