

Title (en)

FILLING MACHINE COMPRISING ADVANCED CLEANING MEANS

Title (de)

ABFÜLLANLAGE MIT VERBESSERTER REINIGUNGSEINRICHTUNG

Title (fr)

MACHINE DE REMPLISSAGE COMPORTANT DES MOYENS PERFECTIONNES DE NETTOYAGE

Publication

EP 1173383 A1 20020123 (FR)

Application

EP 99958268 A 19991207

Priority

- FR 9903050 W 19991207
- FR 9900115 A 19990106

Abstract (en)

[origin: US6457497B1] A filling machine (38) includes at least one filling tube (22), whereby a product flows through the tube, which tube is placed opposite the opening of a receptacle (12) that is to be filled. The filling tube is accommodated in a fixed housing that is joined to a support (34) for the filling tube; the housing possesses an orifice (48) whereby the filling tube is placed opposite thereto and the housing also includes a moveable obturating flap (50) that closes the orifice and seals the housing when in a closed position. The machine includes structure that enables a cleaning agent to be circulated inside the housing.

IPC 1-7

B67C 3/00; **B65B 55/02**

IPC 8 full level

B65B 55/02 (2006.01); **B67C 3/00** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP KR US)

B65B 55/02 (2013.01 - EP US); **B67C 3/001** (2013.01 - EP US); **B67C 7/00** (2013.01 - KR)

Citation (search report)

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Cited by

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US 6457497 B1 20021001; AT E270654 T1 20040715; AU 1567300 A 20000724; BR 9916755 A 20010925; CA 2357795 A1 20000713; CA 2357795 C 20040629; DE 69918575 D1 20040812; DE 69918575 T2 20050901; EP 1173383 A1 20020123; EP 1173383 B1 20040707; ES 2224720 T3 20050301; FR 2788047 A1 20000707; FR 2788047 B1 20010126; JP 2002534329 A 20021015; JP 3462857 B2 20031105; KR 100460013 B1 20041204; KR 20010101393 A 20011114; PT 1173383 E 20041029; WO 0040504 A1 20000713

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