

Title (en)

FILLING ELEMENT COMPRISING A FLOWMETER

Title (de)

FÜLLELEMENT MIT DURCHFLUSSMENGENMESSER

Title (fr)

ÉLÉMENT DE REMPLISSAGE COMPRENANT UN DÉBITMÈTRE

Publication

EP 2001789 B1 20160907 (DE)

Application

EP 07723525 A 20070323

Priority

- EP 2007002574 W 20070323
- DE 102006014103 A 20060324

Abstract (en)

[origin: DE102006014103A1] Filling element (1) for filling bottles (2) or similar containers with a filling material comprises a liquid channel having a section (7.2) forming a measuring channel between a liquid valve (9) and a delivery opening (8). An independent claim is also included for a rotating filling machine comprising several filling elements on a rotor rotating about a machine axis.

IPC 8 full level

B65B 3/36 (2006.01); **B67C 3/20** (2006.01)

CPC (source: BR EP US)

B65B 3/30 (2013.01 - BR); **B65B 3/36** (2013.01 - BR); **B65B 39/004** (2013.01 - BR EP US); **B67C 3/20** (2013.01 - EP US); **B67C 3/26** (2013.01 - EP US); **B67C 3/20** (2013.01 - BR); **B67C 3/26** (2013.01 - BR)

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DE 102006014103 A1 20070927; **DE 102006014103 B4 20080424**; BR PI0709343 A2 20110712; BR PI0709343 B1 20181030; CN 101454237 A 20090610; CN 101454237 B 20110427; EP 2001789 A1 20081217; EP 2001789 B1 20160907; JP 2009530197 A 20090827; JP 5059846 B2 20121031; MX 2008012068 A 20081007; SI 2001789 T1 20161028; US 2009071569 A1 20090319; US 8256474 B2 20120904; WO 2007110197 A1 20071004

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