

Title (en)

FILING ELEMENT WITH ANNULAR FLUSHING GAS NOZZLE

Title (de)

FÜLLELEMENT MIT RINGFÖRMIGER SPÜLGASAUSTRITTSÖFFNUNG

Title (fr)

ÉLÉMENT DE REMPLISSAGE AVEC BUSE DE GAZ ANNULAIRE

Publication

**EP 3426594 B1 20201216 (DE)**

Application

**EP 17708265 A 20170302**

Priority

- DE 102016104286 A 20160309
- EP 2017054934 W 20170302

Abstract (en)

[origin: WO2017153255A1] The invention relates to a filling element (10) for filling containers with a liquid, the element comprising an elongated filling element body (12) which surrounds an axial product channel (14), in which a valve element (16) is movably arranged, said valve element (16) having a valve body (19) which, together with a valve seat arranged on the filling element body (12), forms a filling valve (22). The filling element has a dispensing opening (28) at the lower end of the product channel (14). At least one flushing outlet opening (30) is arranged in the region of the dispensing opening (28), the flushing outlet opening being connected to a flushing-gas supply (46) via a flushing control valve (44).

IPC 8 full level

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CPC (source: EP)

**B65B 31/044** (2013.01); **B65B 39/004** (2013.01); **B67C 3/10** (2013.01); **B65B 3/10** (2013.01); **B67C 2003/2657** (2013.01)

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