

Title (en)

FILLING ELEMENT AND FILLING MACHINE FOR FILLING BOTTLES OR SIMILAR CONTAINERS

Title (de)

FÜLLELEMENT SOWIE FÜLLMASCHINE ZUM FÜLLEN VON FLASCHEN ODER DERGLEICHEN BEHÄLTERN

Title (fr)

ÉLÉMENT DE REMPLISSAGE ET MACHINE DE REMPLISSAGE SERVANT À REMPLIR DES BOUTEILLES OU RÉCIPIENTS ANALOGUES

Publication

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Application

EP 11717507 A 20110505

Priority

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- EP 2011002231 W 20110505

Abstract (en)

[origin: WO2011154074A1] Filling element (1) for filling bottles or similar containers with a liquid filler, comprising at least one liquid channel (3) formed in a filling-element housing (2), comprising at least one liquid valve (13) which is arranged in the liquid channel (3) and controls the discharging of the filler into the respective container and has at least one valve body (14) that can be moved in order to open and close the liquid valve (13) and that engages with a valve seat (15), and comprising an insert (18) which is designed as and/or acts as a swirl body and/or as a gas barrier and, in the direction of flow of the filler, is arranged upstream of a valve seat (15) of the liquid valve. The insert (18) is fixed in position in the liquid channel (3), i.e. it is not moved with the valve body (14) during the opening and closing of the liquid valve (13).

IPC 8 full level

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CPC (source: EP US)

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