

Title (en)

FILLING MACHINE FOR FILLING CONTAINERS WITH LIQUIDS

Title (de)

FÜLLMASCHINE ZUM FÜLLEN VON BEHÄLTERN MIT EINER FLÜSSIGKEIT

Title (fr)

MACHINE DE REMPLISSAGE POUR REMPLIR DES RÉCIPIENTS AVEC DES LIQUIDES

Publication

EP 4105164 B1 20240501 (EN)

Application

EP 22162044 A 20220315

Priority

IT 202100015512 A 20210614

Abstract (en)

[origin: EP4105164A1] Filling machine (1) for filling containers with liquids, which comprises a plurality of valve groups (11), each of which provided with a delivery duct (16) in fluid communication with a containment tank (10) for the flow of a liquid in a corresponding container, a return tube (14) for the air return, a first shutter (22) susceptible of interfering with a portion of the delivery duct (16) in order to selectively allow the passage of the liquid, and first actuator means (25) connected to the return tube (14) in order to move it between a raised position and a lowered position. The return tube (14) comprises a first section (14'), placed to traverse the containment tank (10), and a second section (14'') placed coaxially within the delivery duct (16), and made in a single body with the first section (14'). The first section (14') is also removably connected to the first actuator means (25) by means of quick coupling means (29).

IPC 8 full level

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CPC (source: EP)

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