

Title (en)
SYSTEM FOR ASEPTIC FILLING OF BIG CONTAINERS WITH AN OUTLET

Title (de)
SYSTEM ZUR ASEPTISCHEN ABFÜLLUNG VON MIT EINEM AUSGIESSELEMENT VERSEHENEN GROSSEN BEHÄLTERN

Title (fr)
SYSTEME POUR LE REMPLISSAGE ASEPTIQUE DE GRANDS RECIPIENTS MUNIS D'UN BEC VERSEUR

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Application
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Abstract (en)
[origin: WO2012172576A1] The invention relates to an aseptic filler system for big containers having an outlet. The system comprises an outlet (1) which in turn comprises an outlet body (1b) and a cap (1a), which is inserted in a hole (2) of a filler head (3) provided with a pair of semicircular jaws (4), which lock about an annular cavity (5) provided externally of the outlet in order to block the outlet (1) to the hole (2). The system has seal means which operate between the outlet body (1b) and the periphery of the hole (2) to hermetically close the inside of the filler head when the outlet body is locked between the jaws (4). The seal means are realised by means of a first seal ring (2a), fashioned below the perimeter of the hole (2) and having an internal diameter which defines the passage diameter of the hole (2), and a second seal ring (6), fashioned externally of the outlet body (1b) above the annular cavity (5), the diameter of the upper part thereof being greater than the passage diameter of the hole (2).

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