

Title (en)
VALVE FOR FILLING PACKAGES WITH LIQUIDS

Title (de)
VENTIL ZUM ABFÜLLEN VON FLÜSSIGKEITEN IN VERPACKUNGEN

Title (fr)
SOUPAPE POUR LE REMPLISSAGE D'EMBALLAGES AVEC DES LIQUIDES

Publication
EP 0754144 B1 20000112 (DE)

Application
EP 95911305 A 19950307

Priority
• DE 4411629 A 19940402
• EP 9500838 W 19950307

Abstract (en)
[origin: US5865221A] PCT No. PCT/EP95/00838 Sec. 371 Date Sep. 20, 1996 Sec. 102(e) Date Sep. 20, 1996 PCT Filed Mar. 7, 1995 PCT Pub. No. WO95/26906 PCT Pub. Date Oct. 12, 1995A valve for filling liquids into packages has a housing (1) with a supply connection piece (24), a forward mouth piece and an outlet device (16) in which a large number of outlet holes (4) is arranged. A closing member (3) is movably arranged in the housing (1), and can be engaged with a valve seat (23). Rear sealing devices (5, 7, 22) are also provided. In order to make possible a high volume flow of the liquid contents at low outlet speed without relative movement occurring between the package and outlet device (16) it is provided that the outlet holes (4) distributed over the whole cross-section of the mouth piece (2) are arranged in an outlet plate (16) which is configured integrally with the mouthpiece, and penetrate it in the direction (26) of the longitudinal axis (28) of the mouth piece, that the diameter and the width of the outlet holes (4) is larger than 1 mm and smaller than 5 mm, and that the length of the outlet holes (4) is greater than double their diameter and their width.

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Cited by
DE102010006005A1; WO2015074803A1; US9926088B2; WO2011092188A1; US10472218B2

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