

Title (en)  
NOZZLE FOR DISPENSING A LIQUID OR PASTY MATERIAL

Title (de)  
AUSGIESSER FÜR FLÜSSIGE ODER PASTÖSE PRODUKTE

Title (fr)  
EMBOUT DE DISTRIBUTION DE PRODUITS LIQUIDES OU PATEUX

Publication  
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Application  
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Abstract (en)  
[origin: US5992764A] PCT No. PCT/FR97/00021 Sec. 371 Date Jul. 8, 1998 Sec. 102(e) Date Jul. 8, 1998 PCT Filed Jan. 7, 1997 PCT Pub. No. WO97/25253 PCT Pub. Date Jul. 17, 1997A nozzle for dispensing a liquid or semi-liquid substance (P) and designed to be mounted on a tank (R) suitable for being put under pressure. The nozzle is of the type comprising a thimble (1) and moving shutter (2) housed inside the thimble. The thimble (1) is provided with a coupling end (11) for coupling to the tank (R) and an ejection orifice (10). The shutter (21) is constituted by a rod (21) carrying a plug (20) at an outer end thereof. The plug (20) cooperates with the ejection orifice (10) to form a delivery valve. The rod (21) also carries a transverse wall (22) at an inner end thereof. The wall (22) leaves a passage for the substance (P) and cooperates with a resilient return means (3) for returning the moving shutter (2) towards a closed position in which the plug (20) is engaged in sealed manner in the ejection orifice (10). The nozzle further comprises an admission valve constituted by a deformable peripheral lip (23) around the rod (21) which subdivides the passage for the substance (P) in sealed manner into an upstream compartment and a downstream compartment.

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