

Title (en)
SPOUT CLOSURE FOR LIQUID PACKAGINGS

Title (de)
AUSGUSS-VERSCHLUSS FÜR FLÜSSIGKEITSPACKUNGEN

Title (fr)
BOUCHON VERSEUR POUR EMBALLAGES POUR LIQUIDE

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Application
EP 03720069 A 20030515

Priority
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Abstract (en)
[origin: US6966469B2] The pouring closure (1) for liquid packagings (2) comprises a pouring stem (9) with a radially projecting bottom edge (12) and a threaded cover (11). Threaded cover (11) has a larger diameter than pouring stem (9), and an elastically deformable ring element (10) is disposed between pouring stem (9) and threaded cover (11). The ring surface (13) of the ring element runs obliquely to the ring plane, with the inner ring edge (14) ending in an downwardly directed projection (15) which can be clipped over pouring stem (9). The outer ring edge (16) ends in an upwardly directed projection (25), which is provided with an outer thread (26) for screwing on cover (11). The ring element (10) can be elastically deformed to spring into two stable states, namely and firstly, into a state with the ring surface (13) sloping downwards from the inner (14) to the outer (16) ring edge. In this state, the pouring closure (1) is compressed, and less than 5 mm high. In the other state with the ring surface (13) rising upwards, the pouring closure (1) is around three times higher and ensures the liquid can be reliably poured out beyond the 5 mm high rim (6) of liquid packaging (2), which is positioned approximately 11 mm distant from pouring stem (9).

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