

Title (en)
SPOUT ASSEMBLY AND SEALING CAP WITH SPRING-LOADED HINGE.

Title (de)
AUSGIESS- UND VERSCHLUSSEINHEIT MIT SCHNAPPSCHARNIER.

Title (fr)
ENSEMBLE VERSEUR ET CAPSULE DE BOUCHAGE AVEC CHARNIERE A RESSORT.

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Application
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Abstract (en)
[origin: US5301849A] PCT No. PCT/FR90/00346 Sec. 371 Date Nov. 12, 1991 Sec. 102(e) Date Nov. 12, 1991 PCT Filed May 17, 1990 PCT Pub. No. WO90/14287 PCT Pub. Date Nov. 29, 1990. A spout and sealing cap assembly for a container which includes a spout which is connectable to the container, a sealing cap for closing off a dispensing opening in the spout and a bi-stable hinge integrally formed with the sealing cap. The bi-stable hinge maintains the cap only in one of two stable positions, an open position and a closed position. The spout is formed as a first one-piece plastic part with an undercut profile connection portion. The sealing cap is also formed as a second one-piece plastic part with an undercut profile connection portion spaced from the bi-stable hinge. The plastic of the spout is a formed of a more flexible plastic than that of the sealing cap. The bi-stable hinge is formed integrally with the sealing cap and, thus, also is formed of the relatively rigid, hard plastic. The first and second undercut profile connection portions are interconnected in an interconnection arrangement resulting from an over-molding of the second one-piece elastic part over the first one-piece plastic part. In one embodiment, the sealing cap includes an extension extending from the hinge and having a free edge with an undercut for connection with a corresponding extension of the spout.

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