

Title (en)
CONTAINER ASSEMBLY, TAP AND VALVE CAP THEREFOR.

Title (de)
BEHÄLTER, HAHN UND VENTILKAPPE DAFÜR.

Title (fr)
CONTENEUR, ROBINET ET SON CHAPEAU DE CLAPET.

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EP 0034161 A1 19810826 (EN)

Application
EP 80901633 A 19810309

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AU PE024379 A 19790829

Abstract (en)
[origin: WO8100608A1] Tap for use with bag-in-the-box liquid containers. The tap has a neck member (18) with a passageway (26) through the neck member. The passageway is closed at its outer end by a manipulable valve assembly (28). The neck member (18) has a liquid flow port (40) communicating laterally with the passageway, (26), and a valve member (69) is provided which normally overlies the port (40) to close the tap. A resiliently deformable diaphragm (64) is attached to the valve member (69) so as to extend across and close off the passageway (26). This diaphragm (64) is arranged such that externally applied manual deformation of it is effective to lift the valve member (69) away from the port (40) to open the tap so that a liquid flow path is established between the inner end of said passageway (26) and the exterior of said port (40). Also disclosed are an integral valve cap, another valve assembly for a tap including a conical valve member axially movable to open and close a fluid passageway, and a container assembly having an inner flexible bag within a relatively rigid outer box with a neck member attached to the inner bag and slidable through an aperture in the outer box.

Abstract (fr)
Un robinet est utilise dans des conteneurs de liquide du type a sachet renferme dans le boitier. Le robinet possede un col (18) avec un passage (26) au travers du col. Le passage est ferme a son extremite exterieure par un clapet manipulable (28). Le col (18) possede un orifice d'ecoulement de liquide (40) communiquant lateralement avec le passage (26), et un organe de soupape (69) qui recouvre normalement l'orifice (40) pour fermer le robinet. Un diaphragme deformable elastiquement (64) est attache a l'organe de soupape (69) de maniere a s'etendre en travers et fermer le passage (26). Ce diaphragme (64) est concu de telle sorte que sa deformation appliquee manuellement exterieurement souleve l'organe de soupape (69) en l'ecartant de l'orifice (40) pour ouvrir le robinet etablissant ainsi un passage d'ecoulement de liquide entre l'extremite interne du passage (26) et l'exterieur de cet orifice (40). Sont egalement decrits un chapeau de soupape monobloc, un autre assemblage de soupape pour un robinet comprenant un organe de soupape conique mobile axialement pour ouvrir et fermer un passage de fluide, et un assemblage de conteneurs ayant un sachet flexible interieur dans un boitier externe relativement rigide avec un col attache au sachet interieur et pouvant coulisser au travers d'une ouverture amenee dans le boitier.

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