

Title (en)

Bag-in-a-box closure and flow-fitting therefor.

Title (de)

Verschluss für mit innerem Beutel versehenen Behälter und deren Fliessanordnung.

Title (fr)

Fermeture pour récipient à sac flexible interne et ajustage pour l'écoulement du contenu.

Publication

EP 0180137 A2 19860507 (EN)

Application

EP 85113447 A 19851023

Priority

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Abstract (en)

A closure plug for a bag-in-the-box fluid container, formed as a cylindrical flanged body having a unitary transverse wall, an axial opening in said transverse wall and a hollow tapered tube unitary with said wall surrounding the opening and extending within the body and parallel thereto.

The tube tapers toward a narrow outlet exterior of the flanged end of the body. A dislodgeable inner plug is seated in the tube entrance blocking same and a cap is fitted over the outlet of the tube. Several connector fittings are disclosed which are coupled to the closure and carry a plunger dislodging the inner plug. The plug is maintained in sealing condition within the tube by the internal fluid pressure within the fluid container.

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IPC 8 full level

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CPC (source: EP)

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Cited by

DE4023274A1; US5429263A; DE8813484U1; DE19839841A1; DE19839841B4; WO2013175515A1; US9604836B2; US8991635B2; US9126717B2

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