

Title (en)

Bag-in-container with prepressurized space between inner bag and outer container

Title (de)

Behälterbeutel mit einem Raum unter Vordruck zwischen Innenbeutel und Außenbehälter

Title (fr)

SYSTÈME DE POCHE INCORPORÉE À UN RÉCIPIENT AVEC ESPACE PRÉ-PRESSURISÉ ENTRE LA POCHE INTERNE ET LE RÉCIPIENT EXTERNE

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Application

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Abstract (en)

Bag-in-container (2) comprising an inner layer (21) forming a bag filled with a fluid (10), said bag being separatable from an outer layer (22) forming the container, and further comprising a mouth (5) fluidly connecting the volume defined by the bag to the atmosphere and separated therefrom by sealing means (1), said container further comprising at least one space vent (3) fluidly connecting the space (24) between inner and outer layers (21) and (22) to the atmosphere, wherein said vent comprises closing means able to control the gas flow between the space (24) and the atmosphere and in that the space (24) contains an amount of gas ($V_{S,i}$) at a pressure (P_i) insufficient to compress the bag to drive out more than 80% of the fluid contained therein. The present invention also concerns a kit of parts comprising a bag-in-container as defined above and a dispensing appliance.

IPC 8 full level

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