

Title (en)
SPOUT MEMBER AND PACKAGING BAG UTILIZING SAME

Title (de)
AUSGUSSELEMENT UND VERPACKUNGSBEUTEL DAMIT

Title (fr)
BEC VERSEUR ET EMBALLAGE L'UTILISANT

Publication
EP 2336042 A4 20140319 (EN)

Application
EP 09811490 A 20090901

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- JP 2008323805 A 20081219
- JP 2009024197 A 20090204
- JP 2009044058 A 20090226

Abstract (en)
[origin: EP2336042A2] It is aimed to provide a spout member and a packaging bag using the spout member which have excellent handling property and hygiene management performance at the time of supplying water or the like from the outside before and during use such as administration of water and medicine, in which a closure means for freely opening and closing an aperture formed by cutting off parts of peripheral portions of sealed film pieces is protected from a contained content at the time of storage or transportation and which have excellent protecting property even when an inner pressure acts in the packaging bag, excellent contamination preventing property until a spout is opened and excellent contamination preventing property and handling property after opening. In a packaging bag formed by sealing peripheral portions of a plurality of film pieces and including an inlet portion and a spout portion at the peripheral portions, the inlet portion is opened as an inlet port by cutting off parts of the peripheral portions of the sealed film pieces to form an aperture by an unsealed portion, at least two holes are formed at the opposite sides of a part which becomes the inlet port at the peripheral portions near the inlet portion, and the holes serve as a suspension means for enabling the packaging bag to be suspended and a finger holding means. An openable and closable closure means including first and second members engageable with each other is formed by bonding an upper part of a first base member including the first member and an upper part of a second base member including the second member respectively to inner sides of the film pieces forming the aperture and facing each other, and a bottom end portion of one base member is formed to be longer than that of the other base member and bonded to the other film piece opposite thereto by an easily peelable seal, thereby forming an easily peelable portion which is peeled open to open the aperture at the time of opening. A spout member is provided with a spout portion including a base portion and a cylindrical portion projecting from the base portion, a sealing portion for sealing a tip portion of the cylindrical portion via a tearable weakened portion, and a cap portion. The weakened portion is torn by turning the cap portion to separate the sealing portion and the cap portion from the spout portion and simultaneously open the tip portion of the cylindrical portion, thereby forming a spout. The cap portion is shaped to cover the entire cylindrical portion, and the cap portion and the spout portion include a locking mechanism capable of locking the cap portion to the spout portion.

IPC 8 full level
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CPC (source: EP KR US)
A61J 1/10 (2013.01 - KR); **B65D 3/14** (2013.01 - KR); **B65D 33/06** (2013.01 - KR); **B65D 33/08** (2013.01 - KR); **B65D 33/14** (2013.01 - KR); **B65D 33/1691** (2013.01 - EP US); **B65D 33/2533** (2013.01 - EP US); **B65D 41/32** (2013.01 - KR); **B65D 75/566** (2013.01 - EP US); **B65D 75/5883** (2013.01 - EP US)

Citation (search report)

- [XY] JP 2002087443 A 20020327 - TOPPAN PRINTING CO LTD
- [Y] JP 2007314245 A 20071206 - DAINIPPON PRINTING CO LTD
- [A] JP 2002095721 A 20020402 - BRISTOL MYERS SQUIBB CO, et al
- [A] JP 2002225887 A 20020814 - DAINIPPON PRINTING CO LTD
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Citation (examination)

- WO 9415847 A1 19940721 - DEMATTEIS ROBERT B [US]
- JP 2007246119 A 20070927 - KURUU KK

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