

Title (en)
SQUEEZE-BOTTLE WITH INTERNAL CONTAINER

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Application
EP 91119574 A 19911116

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Abstract (en)
[origin: EP0505611A2] The invention relates to a squeeze package with an elastically deformable outer container (112) and an internal container (110) which accommodates the contents and is subdivided into two portions (122, 124) in the central region of its longitudinal extent substantially transversely to its longitudinal axis. The portion (124) facing the delivery opening (170) is constructed as a support body (124) or provided with such a support body. At least the portion (122) facing away from the delivery opening (170) is constructed in the manner of a bag and so as to be flexible such that it is slightly plastically deformable under the effect of a difference in pressure between atmospheric pressure and the gas pressure in the space (138) between the outer container (122) and the internal container (110) whilst displacing the contents contained therein in the direction of the delivery opening (170). <IMAGE>

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Citation (search report)
• [X] FR 2081244 A1 19711203 - BOUET BERNARD
• [A] WO 8601489 A1 19860313 - HAFINA TREUFINANZ AG [CH]
• [Y] DE 1425866 A1 19681121 - GILLETTE CO
• [YD] EP 0305003 A1 19890301 - PROCTER & GAMBLE [US]

Cited by
US8820578B2; US8955715B2; JPWO2013035543A1; US5873491A; CN104169190A; CN103723349A; EP2915515A4; CN103723350A; CN103732509A; CN103796624A; EP2754430A4; US2012305602A1; CN102770355A; CN110603206A; US5950880A; US2012305566A1; CN102770356A; FR2844773A1; EP1118550A3; EP2065084A1; WO2012136935A1; WO2017162958A1; USRE39520E; US9365319B2; WO9310020A1; WO2004028924A1; WO2011103856A3; US9155679B2; US11904331B2; US7641078B2; EP2832658A1; WO2010122872A1; WO2011103855A3; JP5550638B2

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