

Title (en)  
WATER-SOLUBLE CONTAINERS

Title (de)  
WASSERLÖSLICHE BEHÄLTER

Title (fr)  
RECEPTACLES HYDROSOLUBLES

Publication  
**EP 1311430 A1 20030521 (EN)**

Application  
**EP 01960958 A 20010823**

Priority  
• GB 0103825 W 20010823  
• GB 0021112 A 20000825

Abstract (en)  
[origin: DE20121785U1] The method involves forming open container made up of water soluble film. The container is then partially filled with aqueous or non-aqueous liquid comprising gas releasing components such as bleaching agent. After sealing, the container is inflated. The bleaching component of oxygen or chlorine type comprises a mixture of compounds which react in the presence of water to produce the gas. The gas which inflates the container is carbon dioxide. The container comprises disinfectant, anti-bacterial or antiseptic liquid. An independent claim is also included for the container.

IPC 1-7  
**B65B 9/04**; **B65B 31/00**; **B65D 65/46**

IPC 8 full level  
**B65B 9/04** (2006.01); **B65B 31/00** (2006.01); **B65D 65/46** (2006.01); **C11D 3/06** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP US)  
**B65B 9/04** (2013.01 - EP US); **B65B 9/042** (2013.01 - EP US); **B65B 31/00** (2013.01 - EP US); **B65D 65/466** (2013.01 - EP US); **C11D 3/06** (2013.01 - EP US); **C11D 17/041** (2013.01 - EP US); **C11D 17/042** (2013.01 - EP US); **C11D 17/043** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0216206 A1 20020228**; AT E281351 T1 20041115; AU 2001282344 B2 20060216; AU 8234401 A 20020304; CA 2420380 A1 20020228; CA 2420380 C 20090331; DE 10196553 T1 20030807; DE 20121785 U1 20031023; DE 60106939 D1 20041209; DE 60106939 T2 20051110; EP 1311430 A1 20030521; EP 1311430 B1 20041103; ES 2227251 T3 20050401; GB 0021112 D0 20001011; GB 0120483 D0 20011017; GB 0303107 D0 20030319; GB 2368570 A 20020508; GB 2368570 B 20030528; GB 2383320 A 20030625; GB 2383320 B 20040519; US 2004035739 A1 20040226

DOCDB simple family (application)  
**GB 0103825 W 20010823**; AT 01960958 T 20010823; AU 2001282344 A 20010823; AU 8234401 A 20010823; CA 2420380 A 20010823; DE 10196553 T 20010823; DE 20121785 U 20010823; DE 60106939 T 20010823; EP 01960958 A 20010823; ES 01960958 T 20010823; GB 0021112 A 20000825; GB 0120483 A 20010823; GB 0303107 A 20010823; US 36255303 A 20030519