

Title (en)  
Method of sealing a container.

Title (de)  
Verfahren zum Abdichten eines Behälters.

Title (fr)  
Procédé de scellage.

Publication  
**EP 0179498 A1 19860430 (FR)**

Application  
**EP 85200648 A 19850425**

Priority  
BE 213864 A 19841019

Abstract (en)  
1. An assembly of a cap (1) and a receptacle (4) intended for corrosive or volatile products, the receptacle having a rim (9) intended to receive a sealing cover (5) having a sealable layer intended to co-operate with the cap to form a fluidtight seal by an induction process, the cap having on its inner surface at least one annular shoulder (1) which, in the closed position of the receptacle, maintains the sealing cover (5) on an outer peripheral zone (10) directly adjoining the rim (9) so as to allow the sealing of said sealing cover (5), characterized in that the afore-mentioned shoulder (7) extends axially from the inner surface of the cap (1), and in that the peripheral zone (10) of the receptacle is of frustoconical shape so as to allow sealing to take place on said peripheral zone (10), the mouth of the receptacle thus being in the form of a bevel so as to enable the cover (5) to be applied tightly on to the peripheral zone (10), thereby precluding the seepage of the aforementioned corrosive or volatile products.

Abstract (fr)  
Bouchon pour sceller de façon étanche un flacon ou un récipient analogue sur le rebord duquel un opercule d'étanchéité présentant une couche scellable destinée à venir en contact avec ledit rebord coopère avec le bouchon pour réaliser le scellage étanche précité, caractérisé en ce qu'il comporte sur sa face interne 6, au moins un épaulement circulaire 7 qui, en position de fermeture du flacon ou récipient analogue 4, maintient l'opercule d'étanchéité 5 sur la zone périphérique externe 10 faisant immédiatement suite au rebord supérieur précité 9 pour permettre, par un traitement par induction p.ex., le scellage dudit opercule d'étanchéité 5 sur la zone périphérique précitée 10.

IPC 1-7  
**B65D 41/04**; **B65D 55/10**

IPC 8 full level  
**B65D 41/04** (2006.01); **B65D 51/20** (2006.01); **B65D 55/10** (2006.01)

CPC (source: EP)  
**B65D 41/0428** (2013.01); **B65D 41/0435** (2013.01); **B65D 51/20** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0093** (2013.01)

Citation (search report)  
• [X] GB 2096980 A 19821027 - UNITED GLASS LTD  
• [Y] EP 0055916 A1 19820714 - ETHYL PROD [US]  
• [Y] US 4076152 A 19780228 - MUMFORD GEORGE V  
• [Y] US 3333719 A 19670801 - JOHN HOHL, et al  
• [A] FR 2406938 A7 19790518 - METAL BOX CO LTD [GB]  
• [A] WO 8500154 A1 19850117 - BEV CAP PLASTICS PTY LTD [AU]  
• [A] US 4429802 A 19840207 - MARKS WALTER J [CA]  
• [A] GB 2123392 A 19840201 - MARDON ILLINGWORTH

Cited by  
EP1064200A4; DE4241341C1; CN113291618A; GB2415426A; GB2415426B; EP3000744A1; FR2862290A1; FR2739359A1; EP0323370A1; FR2625178A1; US4893718A; US4954191A; US8672155B2; US10039425B2; US8413830B2; US7830263B2; WO2005049446A1; US6220466B1; US10327602B2; US9102448B2; US9974419B2; US10806309B2; US11439281B2; US8453856B2; US8490804B2; US8522991B2; US9242768B2

Designated contracting state (EPC)  
AT CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0179498 A1 19860430**; **EP 0179498 B1 19890712**; AT E44509 T1 19890715; DE 3571421 D1 19890817

DOCDB simple family (application)  
**EP 85200648 A 19850425**; AT 85200648 T 19850425; DE 3571421 T 19850425