

Title (en)  
INDUCTION HEAT SEALED CONTAINER CLOSURES

Title (de)  
INDUKTIONSHIESSVERSIEGELTE BEHÄLTERVERSCHLÜSSE

Title (fr)  
FERMETURES DE RÉCIPIENT SCELLÉ DE CHALEUR PAR INDUCTION

Publication  
**EP 3000744 A1 20160330 (EN)**

Application  
**EP 15187472 A 20150929**

Priority  
US 201414500903 A 20140929

Abstract (en)  
Container closures for bottles, cans, tubs, etc. having a sloping (28) or slanted flange (48) on the container which matches a complementary flange (32) on a closure cap. The flange is disposed at an angle of at least 10 degrees and a preferred angle of about 20 degrees for a conventional 63 mm closure and a preferred width of about 0.125 to 0.175 inches (3,2 to 4,4 mm). A foil liner carried by the cap includes an induction heat activated adhesive on at least the portion thereof facing the complementary flange on the container for greatly increasing burst, vacuum and drop impact strength of the container because the adhesion is in shear rather than peel. Provision can be made for facilitating peeling of the liner to assist the consumer in opening the container. The liner may additionally be adhered to a horizontal surface of the container for further securing the liner thereto.

IPC 8 full level  
**B65D 41/04** (2006.01); **B65D 51/20** (2006.01); **B65D 53/08** (2006.01)

CPC (source: EP)  
**B65D 41/0428** (2013.01); **B65D 51/20** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0096** (2013.01)

Citation (search report)

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