

Title (en)

CLOSURE FOR THIN-WALLED CONTAINERS HAVING A MULTI-LEAD THREADED NECK

Title (de)

VERSCHLUSS FÜR DÜNNWANDIGE BEHÄLTER MIT MIT EINEM MEHRFACHSTEIGUNGSGEWINDE VERSEHENEN HALS

Title (fr)

DISPOSITIF DE FERMETURE POUR RECIPIENTS A PAROIS MINCES MUNIS D'UN GOULOT FILETE A FILETS MULTIPLES

Publication

EP 1404585 A1 20040407 (EN)

Application

EP 01946121 A 20010606

Priority

US 0118283 W 20010606

Abstract (en)

[origin: WO02098755A1] A closure and thin-walled container wherein both the closure and neck of the container have a multi-lead thread construction. The closure includes a resilient gasket having a generally flat annular surface sized and positioned to cooperate with a generally flat annular end surface on therewith. The generally flat outer annular surface of the gasket extends into an inwardly and downwardly inclined surface which is sized and positioned to engage an inner edge of the annular end surface of the container to resist mouth distorting forces produced by the mating engagement of the end portions of the multi-lead threads on the closure and container neck.

IPC 1-7

B65D 41/34

IPC 8 full level

B65D 41/04 (2006.01); **B65D 41/34** (2006.01)

CPC (source: EP)

B65D 1/0246 (2013.01); **B65D 41/045** (2013.01); **B65D 41/3428** (2013.01)

Citation (search report)

See references of WO 02098755A1

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 02098755 A1 20021212; CA 2449430 A1 20021212; EP 1404585 A1 20040407; MX PA03010769 A 20040316

DOCDB simple family (application)

US 0118283 W 20010606; CA 2449430 A 20010606; EP 01946121 A 20010606; MX PA03010769 A 20010606