

Title (en)
CLOSURE FOR A CONTAINER LID

Title (de)
VERSCHLUSS FÜR EINEN BEHÄLTERDECKEL

Title (fr)
FERMETURE POUR UN COUVERCLE DE CONTENANT

Publication
EP 3194294 A4 20180411 (EN)

Application
EP 15842437 A 20150803

Priority
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• US 2015043420 W 20150803

Abstract (en)
[origin: WO2016043856A1] A single-piece, molded plastic closure is disclosed and is constructed and arranged for assembly into a container lid opening. The closure includes an annular side wall having a lid engaging portion and an end panel. The end panel is configured with an annular recessed section and an annular frustoconical section which surrounds the annular recessed section. When a vacuum is applied to the surface of the lid for movement of the container the lid may bow and affect the degree of engagement between the closure and the lid opening. The addition of the end panel offsets the effect of the vacuum and enhances the degree of engagement between the closure and the opening so as to prevent dislodgement of the closure during vacuum head movement of the container.

IPC 8 full level
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CPC (source: EP GB)
B44D 3/127 (2013.01 - EP); **B65D 51/16** (2013.01 - GB); **B65D 81/20** (2013.01 - GB)

Citation (search report)
• [XII] US 2006054625 A1 20060316 - SCHWARZ STEFAN H [US]
• [XII] US 3608771 A 19710928 - MONROE CARL C, et al
• [XII] WO 2012033451 A1 20120315 - PETRO PACK AB [SE], et al
• See references of WO 2016043856A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2016043856 A1 20160324; AU 2015318575 A1 20170413; CA 2961467 A1 20160324; CN 107108101 A 20170829;
EP 3194294 A1 20170726; EP 3194294 A4 20180411; GB 201704181 D0 20170503; GB 2544028 A 20170503; MX 2017003376 A 20170905

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