

Title (en)  
Liner

Title (de)  
Beschichtungsscheibe

Title (fr)  
Disque d'étanchéité

Publication  
**EP 1462381 B1 20060614 (EN)**

Application  
**EP 03076231 A 20030322**

Priority  
EP 03076231 A 20030322

Abstract (en)  
[origin: EP1462381A1] A liner (10) is provided for a closure (50) which is adapted to seal the opening in a container neck (90). The liner (10) comprises a first layer set (30) adapted to remain on the container neck following first removal of the closure, and a second layer set (20) adapted to remain in the closure (50). The first layer set (30) includes one or more dispensing orifices (35, 36) allowing the contents of the container to be dispensed. <??>A closure (50) incorporating such a liner (10) and a method of forming such a liner (10) are also provided. <IMAGE>

IPC 8 full level  
**B65D 51/22** (2006.01); **B65D 51/20** (2006.01); **B65D 53/04** (2006.01)

CPC (source: EP)  
**B65D 51/20** (2013.01); **B65D 53/04** (2013.01); **B65D 2251/0015** (2013.01); **B65D 2251/0093** (2013.01)

Cited by  
WO2015154113A1; DE102006030118B3; CN111655592A; US2021070505A1; EP2230190A1; FR2943321A1; DE102006030082B3; EP1873078A1; DE102006030074B3; CN104039660A; AU2012357895B2; US11254481B2; US10604315B2; US9211978B2; US11866242B2; US10934069B2; US11708198B2; US11724863B2; EP2930122A1; EP3746371A1; US10196174B2; US10954032B2; US9624008B2; US10000310B2; WO2008000672A1; WO2013092518A1; US9676513B2; US9994357B2; US10150589B2; US10150590B2; US9688448B2; US9815589B2; US9834339B2; US10556732B2; US10899506B2; US11059644B2; US11401080B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1462381 A1 20040929; EP 1462381 B1 20060614; EP 1462381 B2 20090128**; AT E329851 T1 20060715; DE 60306104 D1 20060727; DE 60306104 T2 20070201; DE 60306104 T3 20090723; ES 2266718 T3 20070301; ES 2266718 T5 20090529

DOCDB simple family (application)  
**EP 03076231 A 20030322**; AT 03076231 T 20030322; DE 60306104 T 20030322; ES 03076231 T 20030322