

Title (en)
Liner

Title (de)
Beschichtungsscheibe

Title (fr)
Disque d'étanchéité

Publication
EP 1462381 B2 20090128 (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)

Citation (opposition)
Opponent :

- EP 0061929 A1 19821006 - MINNESOTA MINING & MFG [US]
- WO 0066450 A1 20001109 - ALFELDER KUNSTSTOFFW MEYER H [DE], et al

Cited by
WO2015154113A1; DE102006030118B3; DE102006030082B3; EP1873078A1; DE102006030074B3; CN104039660A; AU2012357895B2; CN111655592A; US2021070505A1; EP2230190A1; FR2943321A1; US10604315B2; US11254481B2; US11866242B2; US10934069B2; US9211978B2; US10196174B2; US10954032B2; EP2930122A1; US9624008B2; US10000310B2; WO2008000672A1; WO2013092518A1; US11708198B2; US11724863B2; 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)
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