

Title (en)
Closure with a supporting device

Title (de)
Verschluss mit Abstützeinrichtung

Title (fr)
Fermeture avec un dispositif de support

Publication
EP 1806295 A3 20070926 (DE)

Application
EP 06026208 A 20061218

Priority
DE 102006000921 A 20060105

Abstract (en)
[origin: EP1806295A2] The closure (1) has a supporting device with a supporting unit (6) that is transferred from a position in an undeformed condition into another position in a deformed condition of the supporting unit. The supporting unit has a contact area, which transfers supporting force on a filling material in the latter position. The contact area of the supporting unit is arranged adjacent to a central axis of the box in the latter position than in the former position. The components of the closure are manufactured from thermoplastics e.g. polyethylene and polypropylene, in an injection molding procedure. An independent claim is also included for a method for producing a closure for the box.

IPC 8 full level
B65D 51/26 (2006.01); **B65D 51/30** (2006.01)

CPC (source: EP US)
B65D 51/26 (2013.01 - EP US); **B65D 51/30** (2013.01 - EP US); **B65D 2401/15** (2020.05 - EP US)

Citation (search report)

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1806295 A2 20070711; EP 1806295 A3 20070926; EP 1806295 B1 20100519; AT E468281 T1 20100615; CA 2573280 A1 20070705; DE 102006000921 A1 20070726; DE 102006000921 B4 20130103; DE 502006006971 D1 20100701; US 2007170193 A1 20070726; US 8302793 B2 20121106

DOCDB simple family (application)
EP 06026208 A 20061218; AT 06026208 T 20061218; CA 2573280 A 20070104; DE 102006000921 A 20060105; DE 502006006971 T 20061218; US 65067907 A 20070105