

Title (en)
Liquid container with seal

Title (de)
Flüssigkeitsbehälter mit Verschluss

Title (fr)
Recipient pour liquide avec fermeture

Publication
EP 1144265 B1 20050907 (DE)

Application
EP 99930899 A 19990120

Priority
• DE 9900172 W 19990120
• DE 29800794 U 19980121

Abstract (en)
[origin: WO9937553A1] The invention relates to a seal for containers of liquids. The inventive seal is connected to an edge flange (7) which is moulded onto the opening of the container (6), in such a way that the connection is liquid tight. The seal consists of two films (2,4) located one above the other. A hollow space for accommodating a medicament or a nutritional supplement (3) is provided between the two films. Said hollow space is formed by a central, convex, cup-shaped rounded section (8) in the top film (2) and by the bottom film (4) covering the flat side of the top film (2). The flat surface of the top film (2) and the surface of the bottom film (4) covering the same are at least partially joined by sticking or welding. The top film (2) is more resistant to tearing than the bottom film (4). The difference in tear resistance between the two films (2, 4) is such that when pressure is applied to the rounded section (8) and hereby to the medicament or nutritional supplement (3), the bottom film (4) can be broken whilst the top film cannot.

IPC 1-7
B65D 51/28

IPC 8 full level
A61J 1/03 (2006.01); **B65D 51/28** (2006.01)

CPC (source: EP)
A61J 1/03 (2013.01); **B65D 51/2828** (2013.01)

Cited by
EP2625117A4; WO2012045116A1

Designated contracting state (EPC)
BE DE DK FR GB GR IE IT LU NL PT

DOCDB simple family (publication)
DE 29800794 U1 19980312; AU 2703599 A 19990809; DE 59912535 D1 20051013; DK 1144265 T3 20060206; EP 1144265 A2 20011017; EP 1144265 B1 20050907; WO 9937553 A1 19990729

DOCDB simple family (application)
DE 29800794 U 19980121; AU 2703599 A 19990120; DE 59912535 T 19990120; DE 9900172 W 19990120; DK 99930899 T 19990120; EP 99930899 A 19990120