

Title (en)
Tamper-evident shrink sleeve

Title (de)
Manipulationssichere Schrumpfhülse

Title (fr)
Manchon rétractable inviolable

Publication
EP 2664557 A1 20131120 (EN)

Application
EP 12167852 A 20120514

Priority
EP 12167852 A 20120514

Abstract (en)
A tamper-evident shrink sleeve (9) is described to be shrunk around at least a mouth portion of a container and a closure member closing the mouth portion so as to provide a seal. The shrink sleeve (9) comprises breaking means (17) and a tab (15) arranged adjacent the breaking means (17) for tearing the shrink sleeve (9) as defined by the breaking means (17). The shrink sleeve (9) is formed from heat-shrinkable sheet material having a first end portion (25) and a second end portion (29) overlying the first end portion (25) and being bonded or adhered to the first end portion (25) at a bonding section (27) to define an annularly closed sleeve portion (11) of the shrink sleeve (9). The tab (15) is formed by at least one of the end portions (25, 29) projecting outwardly from the sleeve portion (11). The tab (15) further comprises at least one layer (31) of a non-heat-shrinkable or essentially non-heat-shrinkable sheet material overlying at least a partial section of the at least one end portion (29) and prevents shrinking of the end portion.

IPC 8 full level
B65D 55/08 (2006.01)

CPC (source: EP)
B65D 55/0854 (2013.01)

Citation (applicant)
• GB 2325219 A 19981118 - GLENEAGLES SPRING WATERS COMPA [GB]
• GB 2271333 A 19940413 - SMURFIT LTD [GB]

Citation (search report)
• [XY] FR 2518060 A1 19830617 - SCHEIDEGGER ALBERT [FR]
• [YA] FR 2698851 A1 19940610 - SLEEVEVER INT [FR]

Cited by
US2022165183A1; US11756453B2; US2021383724A1; US11295636B2; WO2020117420A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

DOCDB simple family (publication)
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CN 104411598 B 20170308; EP 2850015 A1 20150325; EP 2850015 B1 20180613; ES 2686320 T3 20181017; MY 170943 A 20190920;
PL 2850015 T3 20190131; PT 2850015 T 20181017; WO 2013171116 A1 20131121

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EP 2013059600 W 20130508; ES 13723728 T 20130508; MY PI2014703347 A 20130508; PL 13723728 T 20130508; PT 13723728 T 20130508