

Title (en)
LASER-MARKABLE SEALING COMPOUNDS WITH OXYGEN ABSORBERS

Title (de)
LASER-MARKIERBARE DICHTUNGSMASSEN MIT SAUERSTOFFABSORBERN

Title (fr)
COMPOSÉS D'ÉTANCHÉITÉ POUVANT ÊTRE MARQUÉS AU LASER AVEC ABSORBEURS D'OXYGÈNE

Publication
EP 4355664 A1 20240424 (DE)

Application
EP 23719317 A 20230406

Priority
• EP 2022059547 W 20220408
• EP 2023059284 W 20230406

Abstract (en)
[origin: WO2023194589A1] Container closure made of metal, with a sealing insert arranged in the container closure in such a way that it makes contact with the mouth of the container when the container closure is arranged on the container, wherein the sealing insert comprises or consists of a sealing compound which contains, relative to the total weight of the sealing compound, at least 10% by weight, preferably at least 40% by weight, of LDPE, in particular with butene, hexene or octene as comonomer, in addition to contents of LLDPE and/or OBC, and a content of more than 2% by weight of at least one oxygen-absorbing compound, preferably sodium sulfite.

IPC 8 full level
B65D 51/24 (2006.01); **B41M 5/26** (2006.01); **B65D 81/26** (2006.01); **C08K 3/22** (2006.01); **C08K 3/30** (2006.01); **C08L 23/04** (2006.01); **C08L 53/02** (2006.01)

CPC (source: EP)
B65D 53/00 (2013.01); **C08L 23/04** (2013.01); **C08L 53/025** (2013.01); **B41M 5/267** (2013.01)

C-Set (source: EP)
1. **C08L 23/04 + C08L 53/00 + C08K 3/30 + C08K 3/22**
2. **C08L 23/04 + C08L 23/04 + C08K 3/30 + C08K 3/22**
3. **C08L 23/04 + C08L 53/02 + C08L 23/04 + C08K 3/30 + C08K 3/22**
4. **C08L 53/025 + C08L 23/04 + C08L 23/04 + C08L 23/08 + C08K 3/30 + C08K 3/22**

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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EP 2023059284 W 20230406; CN 202380012851 A 20230406; EP 23719317 A 20230406