

Title (en)
CONTAINER FOR CHEMICAL AGENTS WITH REPLACEABLE ELEMENT

Title (de)
BEHÄLTER FÜR CHEMISCHE MITTEL MIT AUSTAUSCHBAREM ELEMENT

Title (fr)
CONTENANT POUR AGENTS CHIMIQUES À ÉLÉMENT REMPLAÇABLE

Publication
EP 3127834 A1 20170208 (EN)

Application
EP 16182909 A 20160805

Priority
PL 41347315 A 20150806

Abstract (en)
A container for chemical agents with a replaceable element, preferably in the form of a bottle, comprising a main chamber designed to store a liquid, and the replaceable element (2) in the form of a dispensing cartridge, whereas the main chamber includes a body (1), a bottom part (6) with a female thread along with a sealing element, and a valve element, while the replaceable element (2) includes a chamber (3) that is ended at the top with a neck with a male thread, the replaceable element (2) comprises a pumping system including a base (4) and a movable pumping element (5).

IPC 8 full level
B65D 81/32 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)
B05B 11/0081 (2013.01); **B65D 81/3211** (2013.01)

Citation (applicant)
• EP 1097882 A1 20010509 - KEMIKA S P A [IT]
• EP 2188205 A1 20100526 - FOSTER JASON E [US]
• WO 9959895 A1 19991125 - WISCHERATH JOSEF GMBH CO KG [DE], et al

Citation (search report)
[I] US 2006113201 A1 20060601 - MICIC MILOJKO [US], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3127834 A1 20170208; **EP 3127834 B1 20180613**; PL 230229 B1 20181031; PL 3127834 T3 20181031; PL 413473 A1 20170213

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EP 16182909 A 20160805; PL 16182909 T 20160805; PL 41347315 A 20150806