

Title (en)
Cap for multi-use reagent container

Title (de)
Kappe für einen Mehrzweckreagenzbehälter

Title (fr)
Bouchon pour récipient de réactif multi-usage

Publication
EP 2617657 A1 20130724 (EN)

Application
EP 12151750 A 20120119

Priority
EP 12151750 A 20120119

Abstract (en)
A cap (136) for covering a reagent container (110) is disclosed, the cap (136) is adapted to allow for repeatedly inserting a pipette (194) through the cap (136) into the reagent container (110). The cap (136) comprises a frame (140) adapted to at least partially cover at least one opening (138) of the reagent container (110). The cap (136) further comprises at least one sponge element (152) attached to the frame (140). The sponge element (152) is adapted to at least partially close the opening (138) of the reagent container (110). The sponge element (152) comprises a sponge material (154) adapted to receive and hold a liquid having at least the volume of the sponge element (152) in a dry state, preferably an aqueous liquid and more preferably water. The sponge element (152) comprises at least one perforation (164) extending from an outer side (166) of the sponge element (152) facing away from an interior of the reagent container (110) to an inner side (168) of the sponge element (152) facing towards the interior (114) of the reagent container (110). The perforation (164) allows for a repeated insertion of the pipette (194) into the reagent container (110) and for a repeated removal of the pipette (194) from the reagent container (110).

IPC 8 full level
B65D 41/04 (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP)
B01L 3/523 (2013.01); **B65D 51/002** (2013.01); **B01L 2200/141** (2013.01); **B01L 2300/044** (2013.01); **B01L 2300/047** (2013.01); **B01L 2300/069** (2013.01); **B01L 2300/161** (2013.01)

Citation (applicant)
• US 2009110607 A1 20090430 - SATTler STEPHAN [DE]
• US 7387216 B1 20080617 - SMITH JAMES C [US]
• US 2009208966 A1 20090820 - KACIAN DANIEL L [US], et al

Citation (search report)
• [Xl] US 2008047371 A1 20080228 - ANDERSON BRUCE W [US], et al
• [XA] WO 0211885 A2 20020214 - ROCHE DIAGNOSTICS GMBH [DE], et al
• [XA] US 6054099 A 20000425 - LEVY ABNER [US]

Cited by
CN113677436A; CN113597340A; US10670620B2; WO2022069477A1

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 2617657 A1 20130724

DOCDB simple family (application)
EP 12151750 A 20120119