

Title (en)

Closure cap for a container filled with medicinal liquid and container with a closure cap

Title (de)

Verschlusskappe für einen mit einer medizinischen Flüssigkeit befüllten Behälter und Behälter mit einer Verschlusskappe

Title (fr)

Clapet de fermeture pour un récipient rempli d'un liquide médical et récipient doté d'un clapet de fermeture

Publication

**EP 2377771 B1 20130814 (DE)**

Application

**EP 10163030 A 20100517**

Priority

DE 102010015002 A 20100414

Abstract (en)

[origin: EP2377771A1] The locking cap has a cap-like locking body (1) which has a cover part (2) and an edge part (3). A drinking nipple (4) is provided which has an opening for drinking at the outer end piece (4A) and a unit for penetrating a membrane at the inner end piece. The drinking nipple and an aerating pipe are arranged at the locking body in such a way that the drinking nipple is closed from the aerating pipe in one position, in which the drinking nipple attaches to the locking body. The drinking nipple is opened in another position, in which the drinking nipple stays away from the locking body.

IPC 8 full level

**B65D 41/04** (2006.01); **B65D 47/06** (2006.01); **B65D 47/32** (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP US)

**B65D 41/0442** (2013.01 - EP US); **B65D 47/066** (2013.01 - EP US); **B65D 47/32** (2013.01 - EP US); **B65D 51/224** (2013.01 - EP US); **B65D 2251/0025** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US); **B65D 2401/25** (2020.05 - EP US)

Cited by

DE102015016817B3; US10676261B2; US11718457B2

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 SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010015002 B3 20110428**; BR 112012026087 A2 20160628; CN 102905985 A 20130130; CN 102905985 B 20150930; EP 2377771 A1 20111019; EP 2377771 B1 20130814; ES 2433642 T3 20131212; HK 1181015 A1 20131101; US 2013048637 A1 20130228; US 8839974 B2 20140923; WO 2011128267 A1 20111020

DOCDB simple family (application)

**DE 102010015002 A 20100414**; BR 112012026087 A 20110408; CN 201180025339 A 20110408; EP 10163030 A 20100517; EP 2011055518 W 20110408; ES 10163030 T 20100517; HK 13108431 A 20130718; US 201113640323 A 20110408