

Title (en)

Fluid container with variable flue

Title (de)

Flüssigkeitsbehälter mit variablem Kamin

Title (fr)

Réservoir à liquides doté d'une cheminée variable

Publication

EP 1998181 A3 20110223 (DE)

Application

EP 08009646 A 20080527

Priority

- EP 07010826 A 20070531
- EP 08009646 A 20080527

Abstract (en)

[origin: EP1998180A1] The container (1) has a tubular extraction chimney (3) extending in an alignment with a screw locking opening (5) in the container. The extraction chimney comprises a liquid-permeable zone (18) proximate to a lower end region of the extraction chimney and adjacent to a container base of the liquid container, where liquid permeability of the liquid-permeable zone of the extraction chimney is temporarily adjusted. The fluid permeable zone has a set of openings (13, 17) in the lower end region of the tubular extraction chimney, whose opening cross section of the openings is changed.

IPC 8 full level

G01N 35/10 (2006.01); **B01L 3/08** (2006.01); **B01L 99/00** (2010.01); **B65D 23/00** (2006.01); **B65D 51/28** (2006.01)

CPC (source: EP US)

B01L 3/08 (2013.01 - EP US); **B01L 3/523** (2013.01 - EP US); **B65D 81/3222** (2013.01 - EP US); **B01L 2200/026** (2013.01 - EP US); **B01L 2200/16** (2013.01 - EP US); **B01L 2300/046** (2013.01 - EP US); **B01L 2300/049** (2013.01 - EP US); **B01L 2400/0644** (2013.01 - EP US); **B01L 2400/065** (2013.01 - EP US); **Y10T 436/25** (2015.01 - EP US)

Citation (search report)

- [X] BE 533852 A
- [X] US 3139121 A 19640630 - GENE BALLIN
- [X] WO 03106292 A1 20031224 - SMITH ADAM [AU], et al
- [XD] DE 19536789 A1 19970403 - BOEHRINGER MANNHEIM GMBH [DE]
- [XD] DE 3838278 C1 19900118

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1998180 A1 20081203; CA 2632622 A1 20081130; CA 2632622 C 20110426; CN 101314142 A 20081203; CN 101314142 B 20110406; EP 1998181 A2 20081203; EP 1998181 A3 20110223; EP 1998181 B1 20190619; EP 1998181 B8 20190911; ES 2742511 T3 20200214; HK 1126157 A1 20090828; JP 2008298779 A 20081211; JP 5075018 B2 20121114; US 2008299011 A1 20081204; US 2011263039 A1 20111027; US 8003053 B2 20110823; US 8153086 B2 20120410

DOCDB simple family (application)

EP 07010826 A 20070531; CA 2632622 A 20080529; CN 200810098732 A 20080530; EP 08009646 A 20080527; ES 08009646 T 20080527; HK 09104709 A 20090525; JP 2008142443 A 20080530; US 12788008 A 20080528; US 201113176139 A 20110705