

Title (en)

LIQUID SAMPLING APPARATUS AND METHOD OF USING SAME

Title (de)

FLÜSSIGKEITSPROBENENTNAHMEVORRICHTUNG UND DIESE VERWENDENDEERFAHREN

Title (fr)

APPAREIL D'ECHANTILLONNAGE DE LIQUIDES ET SON PROCEDE D'UTILISATION

Publication

**EP 1749421 A2 20070207 (EN)**

Application

**EP 05725009 A 20050307**

Priority

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- US 55074304 P 20040305

Abstract (en)

[origin: US2005209531A1] A sampling apparatus includes an ampoule barrel for receiving an ampoule through a first opening, the ampoule barrel comprising a second opening adapted to flow a liquid into the ampoule barrel and a structure adapted break a frangible tip of the ampoule.

IPC 8 full level

**B65D 81/00** (2006.01); **A61B 10/00** (2006.01); **B01L 3/14** (2006.01); **G01N 1/14** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP KR US)

**A61B 10/0045** (2013.01 - EP US); **B01L 3/50825** (2013.01 - EP US); **G01N 1/02** (2013.01 - KR); **G01N 1/10** (2013.01 - KR); **G01N 1/14** (2013.01 - EP US); **A61B 10/00** (2013.01 - EP US); **A61B 2017/00561** (2013.01 - EP US); **A61B 2090/037** (2016.02 - EP US); **B01L 2200/0642** (2013.01 - EP US); **B01L 2300/041** (2013.01 - EP US); **B01L 2300/0835** (2013.01 - EP US); **B01L 2400/0683** (2013.01 - EP US); **G01N 2001/1418** (2013.01 - EP US)

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**US 2005209531 A1 20050922**; AU 2005220891 A1 20050922; BR PI0508120 A 20070710; CA 2610629 A1 20050922; EP 1749421 A2 20070207; EP 1749421 A4 20100616; IL 177835 A0 20070308; IL 177835 A 20101130; JP 2007527998 A 20071004; KR 20060135015 A 20061228; NO 20064455 L 20061002; RU 2006135014 A 20080410; WO 2005086816 A2 20050922; WO 2005086816 A3 20070524; ZA 200607870 B 20080827

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