

Title (en)  
MODULAR CHROMATOGRAPHY DEVICE

Title (de)  
MODULARES CHROMATOGRAPHIEGERÄT

Title (fr)  
DISPOSITIF DE CHROMATOGRAPHIE MODULAIRE

Publication  
**EP 1994404 A2 20081126 (FR)**

Application  
**EP 07731075 A 20070302**

Priority  
• FR 2007000376 W 20070302  
• FR 0601907 A 20060303

Abstract (en)  
[origin: WO2007099237A2] The invention concerns a chromatography device comprising (i) a unitary column (10) designed to receive a chromatographic bed; (ii) a removable reservoir (9) for a bed suspension; and (iii) a base (8) comprising an actuator (14) fitted to a piston (11), said piston sliding inside the removable reservoir (9) and the column (10) to compress the suspension of solid grains into a chromatographic bed; the column (10), reservoir (9) and base being connected in series in that order, the piston (11) acting to compress the solid grains into a chromatographic bed inside the column (10). The invention also concerns a column for using the device, a method for compressing the chromatographic bed and a separation method using the device or the column.

IPC 8 full level  
**B01D 15/20** (2006.01); **F16B 1/00** (2006.01); **G01N 30/56** (2006.01); **G01N 30/60** (2006.01)

CPC (source: EP US)  
**B01D 15/20** (2013.01 - EP US); **B01D 15/206** (2013.01 - EP US); **G01N 30/56** (2013.01 - EP US); **G01N 30/6004** (2013.01 - EP US); **B01D 15/22** (2013.01 - EP US); **G01N 30/6021** (2013.01 - EP US); **G01N 2030/562** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007099237A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**FR 2898064 A1 20070907**; CN 101395468 A 20090325; EP 1994404 A2 20081126; US 2010163490 A1 20100701;  
WO 2007099237 A2 20070907; WO 2007099237 A3 20080221

DOCDB simple family (application)  
**FR 0601907 A 20060303**; CN 200780007679 A 20070302; EP 07731075 A 20070302; FR 2007000376 W 20070302; US 28091407 A 20070302