

Title (en)

END PIECE FOR MONOLITHIC CHROMATOGRAPHY COLUMNS

Title (de)

ENDSTÜCK FÜR MONOLITHISCHE CHROMATOGRAPHIESÄULEN

Title (fr)

EMBOUT POUR COLONNES DE CHROMATOGRAPHIE MONOLITHIQUES

Publication

**EP 1154826 A1 20011121 (DE)**

Application

**EP 00906225 A 20000126**

Priority

- DE 19905117 A 19990209
- EP 0000563 W 20000126

Abstract (en)

[origin: DE19905117A1] The invention relates to encased monolithic sorbents on the basis of porous moulded parts. The lateral area of said monolithic sorbent is encased in a liquid-tight manner by a pressure-proof casing made, for example, of a plastic material and a filter unit is integrated into the casing for low dead-volume, centered sample introduction. According to the invention the filter unit is pressed on to the monolithic sorbent by a snug-fitting, moulded end piece. The invention also relates to the integration of a precolumn, the use of the monolithic sorbent provided for by the invention in a chromatography column and the use of such a monolithic sorbent for the chromatographic separation of at least two substances.

IPC 1-7

**B01D 15/08**; G01N 30/60; G01N 30/48

IPC 8 full level

**B01J 20/281** (2006.01); **B01D 15/08** (2006.01); **G01N 30/60** (2006.01); **G01N 30/88** (2006.01); **G01N 30/08** (2006.01); **G01N 30/52** (2006.01)

CPC (source: EP)

**G01N 30/6039** (2013.01); **G01N 30/6004** (2013.01); **G01N 2030/085** (2013.01); **G01N 2030/528** (2013.01)

Citation (search report)

See references of WO 0047304A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19905117 A1 20000810**; EP 1154826 A1 20011121; JP 2002536651 A 20021029; WO 0047304 A1 20000817

DOCDB simple family (application)

**DE 19905117 A 19990209**; EP 0000563 W 20000126; EP 00906225 A 20000126; JP 2000598252 A 20000126