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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: PH STABLE CHROMATOGRAPHIC MEDIA USING TEMPLATED MULTILAYER ORGANIC/INORGANIC
GRAFTING

(57) Abstract: An advanced silica gel sorbent for use in chromatographic separations that has been chemically modified by surface polycondensation of a trifunctional and/or difunctional organosilane. The chromatographic media exhibits a wider pH range and improved pH stability as compared to other silica gel based sorbents, while retaining all other positive aspects attributed to silica gel based sorbents. A method of forming the advanced silica gel sorbent by Templated Multilayer Inorganic/Organic Grafting.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **B01D 15/08**(2006.01)

USPC: 210/635,656,198.2,502.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 210/635, 656, 198.2, 502.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,746,572 A (GLAJCH et al) 24 May 1988 (24.05.1988), see column 11, lines 39-44.	1-13
Y	US 6,074,555 A (BOOS et al) 13 June 2000 (13.06.2000), column 4, lines 21-26).	1-13

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See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

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