

Doug Gjerde US Patents

7,225,079	System and method for automated matched ion polynucleotide chromatography
7,151,167	Open channel solid phase extraction systems and methods
7,138,518	Liquid chromatographic separation of polynucleotides
7,122,640	Open channel solid phase extraction systems and methods
6,838,242	Modifying double stranded DNA to enhance separations by matched ion polynucleotide chromatography
6,652,745	Column for DNA separation by matched ion polynucleotide chromatography
6,642,374	Process for separation of polynucleotide fragments
6,579,459	System and method for performing polynucleotide separations using liquid chromatography
6,576,133	Method and system for RNA analysis by matched ion polynucleotide chromatography
6,524,480	Non-polar media for polynucleotide separations
6,521,411	Method and system for the preparation of cDNA
6,521,123	Polynucleotide separations on polymeric separation media
6,503,397	Non-polar media for polynucleotide separations
6,491,821	System and method for performing polynucleotide separations using liquid chromatography
6,488,855	Non-polar media for polynucleotide separations
6,485,648	MIPC column cleaning system and process
6,482,317	Polynucleotide separations on polymeric separation media
6,475,388	Method and system for RNA analysis by matched ion polynucleotide chromatography
6,471,866	Process for performing polynucleotide separations
6,461,819	Analysis of nicked DNA by matched ion polynucleotide chromatography under denaturing conditions
6,455,692	Method of concentrating polynucleotides using MIPC
6,419,824	Apparatus and method for separating and purifying polynucleotides
6,372,142	Column for DNA separation by matched ion polynucleotide chromatography
6,372,130	Non-polar media for polynucleotide separations
6,355,791	Polynucleotide separations on polymeric separation media
6,355,417	Band array display of polynucleotide separations
6,355,165	MIPC chromatographic apparatus with improved temperature control
6,342,161	Method for high resolution liquid chromatographic separation of double-stranded DNA
6,309,549	Polynucleotide separations on polymeric separation
6,287,822	Mutation detection method
6,265,168	Apparatus and method for separating and purifying polynucleotides
6,258,264	Non-polar media for polynucleotide separations
6,251,272	System and column for performing polynucleotide separations using liquid chromatography
6,218,153	Target DNA amplification by MIPC and PCR

6,210,885	Modifying double stranded DNA to enhance separations by matched ion polynucleotide chromatography
6,187,539	Analysis of nicked DNA by matched ion polynucleotide chromatography
6,177,559	Process for separation of polynucleotide fragments
6,174,441	Method for performing polynucleotide separations using liquid chromatography
6,156,206	Process for performing polynucleotide separations
6,136,195	MIPC column cleaning system and process
6,103,112	MIPC chromatographic apparatus with improved temperature control
6,066,258	Polynucleotide separations on polymeric separation media
6,056,877	Non-polar media for polynucleotide separations
6,030,527	Apparatus for performing polynucleotide separations using liquid chromatography
6,027,898	Chromatographic method for mutation detection using mutation site specifically acting enzymes and chemicals
6,024,878	Method for high resolution liquid chromatographic separation of polynucleotides
6,017,457	Method for performing polynucleotide separations using liquid chromatography
5,997,742	Method for performing polynucleotide separations using liquid chromatography
5,986,085	Matched ion polynucleotide chromatography (MIPC) process for separation of polynucleotide fragments
5,972,222	Process for performing polynucleotide separations
5,772,889	System and method for performing nucleic acid separations using liquid chromatography
5,393,673	Method for particulate reagent sample treatment
5,338,448	Method of preventing contamination of a chromatography column
5,149,661	Fluid analysis with particulate reagent suspension
4,272,246	Method and apparatus for chromatographic quantitative analysis

Doug Gjerde Selected US Applications

20080090295	Method and device for preparing an analyte for analysis by mass spectrometry
20070196833	Open channel solid phase extraction systems and methods
20060202922	Method for optimizing a purification procedure
20060199945	Solid-phase synthesis in a capillary
20060198765	Method and device for sample preparation
20060188404	Method and article for sealing a microplate
20060124551	Method and device for sample preparation
20060118591	Method and device for desalting an analyte
20050258097	Method and device for extracting an analyte
20050255604	Method and device for extracting an analyte
20050130309	Detection of silanol groups on a surface
20050045543	Method and device for extracting an analyte
20050019951	Method and device for extracting an analyte
20050016921	Method and device for extracting an analyte

20040224425 Biomolecule open channel solid phase extraction systems and methods
20040224329 Three-dimensional solid phase extraction surfaces
20040126890 Biomolecule open channel solid phase extraction systems and methods
20040072375 Low dead volume extraction column device

Doug Gjerde European Patents

EP1278584B1 MIPC column cleaning process
EP1023306B1 System and method for performing polynucleotide separations using liquid chromatography
EP0665764B1 Method of preventing contamination of a chromatography column and apparatus for liquid chromatography

Doug Gjerde Selected European Applications

EP1017466A4 Polynucleotide separations on nonporous polymer beads
EP1017466A1 Polynucleotide separations on nonporous polymer beads
EP1002137A4 Denaturing multi ion polynucleotide chromatography for detecting mutations
EP1002137A1 Denaturing multi ion polynucleotide chromatography for detecting mutations
EP0984978A4 Band array display of polynucleotide separations
EP0984978A1 Band array display of polynucleotide separations
EP0665764A4 Method of preventing contamination of a chromatography column and apparatus for liquid chromatography.
EP0665764A1 Method of preventing contamination of a chromatography column and apparatus for liquid chromatography
EP0345782A3 Fluid analysis with particulate reagent suspension
EP0345782A2 Fluid analysis with particulate reagent suspension