

NON-CONFIDENTIAL DMFCC LIST OF ISSUED PATENTS ONLY

Title	Country	Filed (priority)	Status	Patent No.
A LIQUID FEED FUEL CELL	Israel	18-Oct-94	Issued	IL 127662
AEROSOL FEED DIRECT METHANOL FUEL CELL	USA	6/16/2000 (17-Jun-99)	Issued	US 6,440,594
AQUEOUS LIQUID FEED ORGANIC FUEL CELL USING SOLID POLYMER ELECTROLYTE MEMBRANE	USA	12-Oct-93	Issued	US 5,599,638
DIRECT DEPOSIT OF CATALYST ON THE MEMBRANE OF DIRECT FEED FUEL CELLS	USA	10-Feb-98	Issued	US 6,221,523
DIRECT DEPOSIT OF CATALYST ON THE MEMBRANE OF DIRECT FEED FUEL CELLS	USA	26-Oct-99	Issued	US 6,277,447
DIRECT LIQUID-FEED FUEL CELL WITH MEMBRANE ELECTROLYTE & MANUFACTURING THEREOF	USA	26-Mar-97	Issued	US 5,945,231
DIRECT METHANOL FEED FUEL CELL & SYSTEM	Australia	12/9/1996 (08 Dec 95)	Issued	AU 721401
DIRECT METHANOL FEED FUEL CELL & SYSTEM	Canada	12/9/1996 (08 Dec 95)	Issued	CA 2240019
DIRECT METHANOL FEED FUEL CELL & SYSTEM	Japan	12/9/1996 (08 Dec 95)	Issued	JP 3487308
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	12/8/1995 (12 Oct 93)	Issued	US 5,773,162
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	1/14/1998 (12 Oct 93)	Issued	US 6,146,781
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	29-Oct-99	Issued	US 6,589,684
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	3-Nov-99	Issued	US 6,303,244
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	4-Nov-99	Issued	US 6,420,059
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	9-Nov-99	Issued	US 6,254,748
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	10-Nov-99	Issued	US 6,265,093
DIRECT METHANOL FEED FUEL CELL & SYSTEM	USA	27-Jun-01	Issued	US 6,703,150
DIRECT METHANOL FUEL CELL WITH REDUCED CATALYST LOADING	USA	10-Feb-98	Issued	US 5,992,008
ELECTRODE & INTERCONNECT FOR MINIATURE FUEL CELLS USING DIRECT METHANOL FEED	USA	11/26/2001 (27-Nov-00)	Issued	US 6,756,145
FABRICATION OF A MEMBRANE HAVING CATALYST FOR A FUEL CELL	USA	4-May-99	Issued	US 6,391,486
FUEL CELL ELEMENTS WITH IMPROVED WATER HANDLING CAPACITY	USA	23-Nov-98	Issued	US 6,291,093
HIGH PERFORMANCE METHANOL-OXYGEN FUEL CELL WITH HOLLOW FIBER ELECTRODE	USA	2-Oct-81	Issued	US 4,420,544
HSPES MEMBRANE ELECTRODE ASSEMBLY	USA	23-Nov-98	Issued	US 6,136,463
HYDROGEN GENERATION BY ELECTROLYSIS OF AQUEOUS ORGANIC SOLUTIONS	USA	28-Jul-98	Issued	US 6,299,744
HYDROGEN GENERATION BY ELECTROLYSIS OF AQUEOUS ORGANIC SOLUTIONS	USA	17-Feb-00	Issued	US 6,368,492
HYDROGEN GENERATION BY ELECTROLYSIS OF AQUEOUS ORGANIC SOLUTIONS	USA	6-Oct-00	Issued	US 6,432,284

HYDROGEN GENERATION BY ELECTROLYSIS OF AQUEOUS ORGANIC SOLUTIONS	USA	10-Oct-00	Issued	US 6,533,919
HYDROGEN GENERATION BY ELECTROLYSIS OF AQUEOUS ORGANIC SOLUTIONS	USA	18-Mar-03	Issued	US 7,056,428
IMPROVED MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL	Australia	24-Jan-00	Issued	AU 759819
LIQUID FEED FUEL CELL, APPARATUS OF OPERATION THEREOF AND ELECTRODE FOR USE IN LIQUID FEED FUEL CELL	Korea	5/28/2002 (18 Oct 94)	Issued	KR 382800
LIQUID FEED FUEL CELL, APPARATUS OF OPERATION THEREOF AND ELECTRODE FOR USE IN LIQUID FEED FUEL CELL	Korea	5/28/2002 (18 Oct 94)	Issued	KR 382801
LIQUID FEED FUEL CELL, APPARATUS OF OPERATION THEREOF AND ELECTRODE FOR USE IN LIQUID FEED FUEL CELL	Korea	5/28/2002 (18 Oct 94)	Issued	KR 382802
LIQUID FEED FUEL CELL, APPARATUS OF OPERATION THEREOF AND ELECTRODE FOR USE IN LIQUID FEED FUEL CELL	Korea	5/28/2002 (18 Oct 94)	Issued	KR 420374
LIQUID FEED FUEL CELL, APPARATUS OF OPERATION THEREOF AND ELECTRODE FOR USE IN LIQUID FEED FUEL CELL	Korea	5/28/2002 (18 Oct 94)	Issued	KR 420375
LOW COST, LIGHTWEIGHT FUEL CELL ELEMENTS	USA	23-Nov-98	Issued	US 6,228,518
MEMBRANE-ELECTRODE ASSEMBLIES FOR DIRECT METHANOL FUEL CELLS	Australia	1/24/2000 (22 Jan 99)	Issued	AU 760323
NEW POLYMER MATERIAL FOR ELECTROLYTIC MEMBRANES IN FUEL CELLS	European Patent Office	11/22/1996 (22 Nov 95)	Issued	EP 0870340 B1
NOVEL POLYMER ELECTROLYTE MEMBRANES FOR USE IN FUEL CELLS	Australia	11/18/1997 (18 Nov 96)	Issued	AU 729900
ORGANIC FUEL CELL & METHODS OF OPERATION THEREOF & MANUFACTURE OF ELECTRODE THEREFOR	Australia	18-Oct-94	Issued	AU 716164
ORGANIC FUEL CELL & METHODS OF OPERATION THEREOF & MANUFACTURE OF ELECTRODE THEREFOR	Australia	18-Oct-94	Issued	AU 744342
ORGANIC FUEL CELL & METHODS OF OPERATION THEREOF & MANUFACTURE OF ELECTRODE THEREFOR	Brazil	18-Oct-94	Issued	BR 94086230
ORGANIC FUEL CELL & METHODS OF OPERATION THEREOF & MANUFACTURE OF ELECTRODE THEREFOR	China	18-Oct-94	Issued	CN1167544
ORGANIC FUEL CELL METHODS & APPARATUS	Israel	18-Oct-94	Issued	IL 115867
ORGANIC FUEL CELL METHODS & APPARATUS	USA	6/7/1995 (12 Oct 93)	Issued	US 6,248,460
ORGANIC FUEL CELL METHODS & APPARATUS	USA	13-Jun-01	Issued	US 6,740,434
ORGANIC FUEL CELL METHODS & APPARATUS	USA	13-Jun-01	Issued	US 6,821,659
ORGANIC FUEL CELL, AND METHODS OF OPERATION THEREOF AND MANUFACTURE OF ELECTRODE THEREFOR	Japan	18-Oct-94	Issued	JP 3795920

ORGANIC FUEL CELL, AND METHODS OF OPERATION THEREOF AND MANUFACTURE OF ELECTRODE THEREFOR	Korea	18-Oct-94	Issued	KR 0372029
POLYMER ELECTROLYTE MEMBRANE ASSEMBLY FOR FUEL CELLS	USA	22-Sep-98	Issued	US 6,150,047
POLYMER ELECTROLYTE MEMBRANE ASSEMBLY FOR FUEL CELLS	USA	21-Nov-00	Issued	US 6,399,235
POLYMER ELECTROLYTE MEMBRANE ASSEMBLY FOR FUEL CELLS	USA	21-Nov-00	Issued	US 6,444,341
POLYMER ELECTROLYTE MEMBRANE FOR USE IN FUEL CELLS	USA	30 April 97 (18 Nov 96)	Issued	US 6,444,343
POLYMER MATERIAL FOR ELECTROLYTIC MEMBRANES IN FUEL CELLS	USA	22-Nov-95	Issued	US 5,795,496
POWER GENERATION IN FUEL CELLS USING LIQUID METHANOL AND HYDROGEN PEROXIDE	USA	23-Sep-98	Issued	US 6,458,851
REDUCED SIZE FUEL CELL FOR PORTABLE APPLICATIONS	USA	6/13/2001 (13-Jun-00)	Issued	US 6,680,139
SPUTTER-DEPOSITED FUEL CELL MEMBRANES AND ELECTRODES	USA	22-Sep-98	Issued	US 6,171,721
TECHNIQUES FOR SENSING METHANOL CONCENTRATION IN AQUEOUS ENVIRONMENTS	USA	6-Apr-98	Issued	US 6,306,285