

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 May 2002 (30.05.2002)

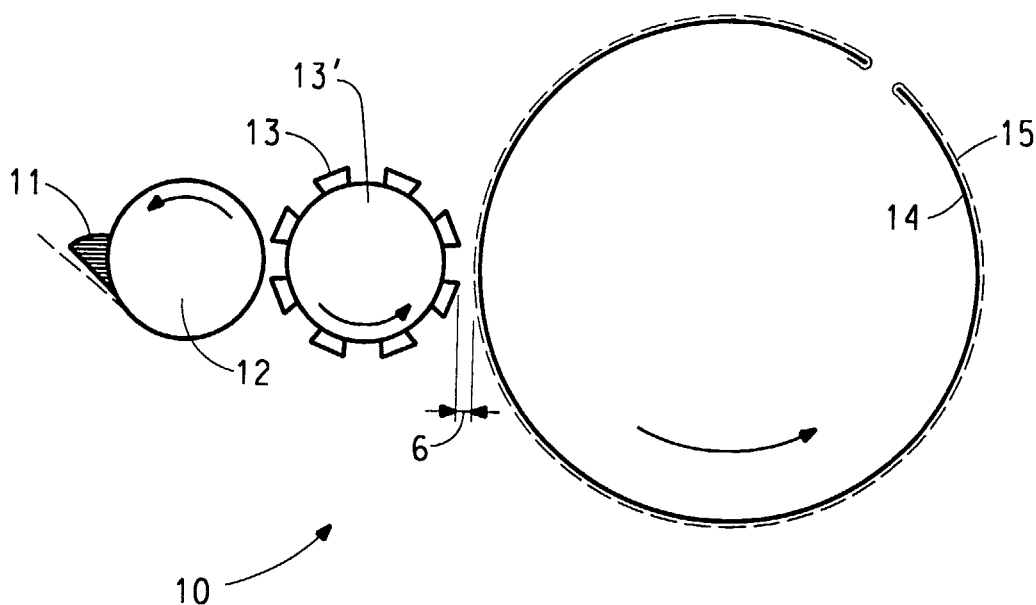
PCT

(10) International Publication Number
WO 02/043171 A3

- (51) International Patent Classification⁷: **H01M 8/10**, C25B 9/10
- (21) International Application Number: PCT/US01/51385
- (22) International Filing Date: 26 October 2001 (26.10.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/243,903 27 October 2000 (27.10.2000) US
- (71) Applicant (for all designated States except US): **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; Legal Patent Records Center, 1007 Market Street, Wilmington DE 19898 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **O'BRIEN, William, George** [US/US]; 3 Orbit Circle, Newark, DE 19711 (US).
- (74) Agent: **COTREAU, William, Joseph**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published: — with international search report

[Continued on next page]

(54) Title: PRODUCTION OF CATALYST COATED MEMBRANES



(57) Abstract: A method for the production of catalyst coated membranes, especially catalyst coated membranes for use in fuel cells, includes raised relief printing a catalyst coating composition (11) onto the surface of an ion exchange membrane (16) to form at least one electrode layer.



WO 02/043171 A3



(88) Date of publication of the international search report:
13 March 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.