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| <b>(21) International application number:</b> PCT/FR98/01056<br><br><b>(22) International filing date:</b> 27 May 1998 (27.05.98)<br><br><b>(30) Data relating to the priority:</b><br>97/06,472 27 May 1997 (27.05.97) FR<br><br><b>(71) Applicant (for all designated States except US):</b><br>L'AIR LIQUIDE SOCIETE ANONYME POUR<br>L'ETUDE ET L'EXPLOITATION DES<br>PROCEDES GEORGES CLAUDE [FR/FR]; 75,<br>quai d'Orsay, F-75321 Paris Cedex 07 (FR).<br><br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (US only):</b> DEVOS, Christine<br>[FR/FR]; 1, rue Molière, F-78000 Versailles (FR).<br>LEDON, Henry [FR/FR]; 1 bis, rue de l'Assemblée<br>Nationale, F-78000 Versailles (FR).<br><br><b>(74) Representative:</b> CONAN, Philippe; L'Air Liquide S.A.,<br>75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>(81) Designated states:</b> AL, AM, AT, AU, AZ, BA, BB, BG,<br>BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI,<br>GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,<br>KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG,<br>MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,<br>SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US,<br>UZ, VN, YU, ZW, ARIPO Patent (GH, GM, KE, LS,<br>MW, SD, SZ, UG, ZW), Eurasian Patent (AM, AZ,<br>BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT,<br>BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,<br>MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI,<br>CM, GA, GN, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br>With the International Search Report. |                                                                                                                                            |
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| <b>(54) Title:</b> METHOD FOR PREPARING AN ULTRAPURE HYDROGEN PEROXIDE SOLUTION BY ION EXCHANGE IN BEDS<br>WITH DEFINED H/D RATIO<br><br><b>(54) Titre:</b> PROCEDE DE PREPARATION D'UNE SOLUTION ULTRA-PURE DE PEROXYDE PAR ECHANGE IONIQUE DANS<br>DES LITS A RAPPORTS H/D DEFINIS<br><br><b>(57) Abstract</b><br><br>The invention concerns a method for preparing an ultrapure hydrogen peroxide solution, characterised in that it includes at least a sequence which involves successively passing the solution to be purified on at least a bed of cation-exchanging adsorbents (AEC) and at least a bed of anion-exchanging adsorbents (AEA) and the adsorbent beds each have a height/diameter ratio greater than 5. The invention also concerns an installation for implementing the method.<br><br><b>(57) Abrégé</b><br><br>Procédé de préparation d'une solution ultra-pure de peroxyde d'hydrogène, caractérisé en ce qu'il comprend au moins une séquence incluant le passage successif de la solution à purifier, sur au moins un lit d'adsorbants échangeurs de cations (AEC) et au moins un lit d'adsorbants échangeurs d'anions (AEA) et caractérisé en ce que les lits d'adsorbants présentent chacun un rapport hauteur sur diamètre supérieur à 5. Installation pour la mise en oeuvre du procédé. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                            |