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(21) International Application Number: PCT/AU95/00583 (22) International Filing Date: 8 September 1995 (08.09.95) (30) Priority Data: PM 8071 ✓ 9 September 1994 (09.09.94) ✓ AU PM 9599 ✓ 22 November 1994 (22.11.94) ✓ AU (71) Applicants (for all designated States except US): SOUTH AUSTRALIAN WATER CORPORATION [AU/AU]; Level 14, 77 Grenfell Street, Adelaide, S.A. 5000 (AU). ICI AUSTRALIA OPERATIONS PROPRIETARY LIMITED [AU/AU]; 1 Nicholson Street, Melbourne, VIC 3000 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): NGUYEN, Hung, Van [AU/AU]; 160 Finch Street, Glen Iris, VIC 3146 (AU). BURSILL, Donald, Bruce [AU/AU]; 46 Perserverance Road, Tea Tree Gully, S.A. 5091 (AU). MORRAN, James, Young [AU/AU]; 14 Wandana Terrace, Taperoo, S.A. 5017 (AU). DRIKAS, Mary [AU/AU]; 8 York Drive, Pasadena, S.A. 5042 (AU). PEARCE, Veronica, Laurel [AU/AU]; Unit 8, 55 Alpha Street, Taringa, QLD 4068 (AU). (74) Agents: ANGLISS, Michael et al.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).	(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, <u>SG</u> SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG). SG 9700947-6 Published <i>With international search report.</i>	
(54) Title: WATER TREATMENT PROCESS (57) Abstract The present invention relates to water treatment, in particular to a process for the removal of dissolved organic carbon from water. The process includes the following steps, adding an ion-exchange resin to water containing a contaminant such as dissolved organic carbon, dispersing the resin in the contaminated water to enable adsorption of the dissolved organic carbon onto the resin, and separating the resin loaded with contaminant from the water. In a preferred embodiment the process employs a magnetic ion-exchange resin.		

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