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71 Applicant: **RAYCHEM CORPORATION (a California corporation)**
300 Constitution Drive
Menlo Park California 94025 (US)

72 Inventor: **Reed, James Patrick**
2831 Whipple Avenue
Redwood City California 94062 (US)

Highe, Albert
972 Emerald Hill Road
Redwood City California 94061 (US)

Masia, Michael
258 Grand Street
Redwood City California 94062 (US)

74 Representative: **Jones, David Colin et al**
Raychem Limited Intellectual Property Law Department
Swan House 37-39 High Holborn
London WC1 (GB)

54 **Corrosion protection.**

57 Corrosion protection systems which make use of a barrier (2) which is placed between a corrodible substrate (3) and a counter-electrode (2). The barrier can provide more uniform current distribution on the substrate, and/or enable the counter-electrode to be more easily maintained or replaced, and/or reduce the rate at which the current density on an elongate electrode changes with distance from the power source, and/or provide a controlled environment around the electrode to improve its efficiency.

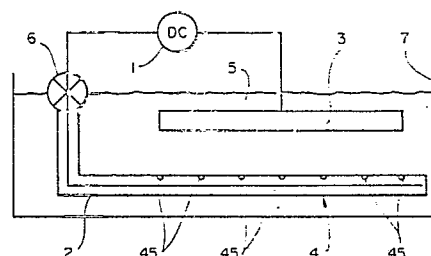


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 87 30 6336

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X	GB-A-1 161 625 (VAN DER VELDE) * Page 1, lines 59-76; figure 2; claims 1-2 *	1,2,5	C 23 F 13/02
X	US-A-3 022 242 (ANDERSON) * Column 2, lines 6-25; claims 1-5 *	1,2,5	
X	US-A-4 171 254 (KOENECHÉ) * Column 6, lines 39-42; claims 1-14 *	1	
X	US-A-3 616 354 (RUSSEL) * Column 6, lines 34-64; column 3, lines 67-75; claims 1-12 *	1,7,8	
X	GB-A- 936 470 (TOPSOE) * Whole document *	1,6,7,10	
X	GB-A-1 270 426 (K.K. TOKYO KEIKI) * Page 1, lines 30-52; claims 1-4 *	1,3,10	
A	US-A-4 457 821 (SUDRABIN)		TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
A	US-A-4 318 787 (PETERSON)		C 23 F 13/02
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11-04-1988	Examiner VAN LEEUWEN R.H.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	