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54 **Method for extracting Mn metal and manganese dioxide from divalent Mn salt solutions.**

57 The invention relates to the simultaneous obtention of elemental Mn and Mn dioxide(gamma) starting from manganese sulphate solutions by electrolysis of same in a cell split by an anionic diaphragm into an anodic and a cathodic compartment.

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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)
A	CHEMICAL ABSTRACTS, vol. 108, no. 3, February 1988, page 568, abstract no. 64666c, Columbus, Ohio, US; & JP-A-85 104 334 (FUJIAN REACHER'S UNIVERSITY) * Whole abstract * ---	1	C 25 B 1/00 C 25 C 1/10
A	US-A-2 417 259 (T.A. MITCHELL) * Claim * ---	1,7	
A	CHEMICAL ABSTRACTS, vol. 79, no. 16, 22nd October 1973, page 548, abstract no. 99888m; & SU-A-380 742 (LENIN, V.I., GEORGIAN POLYTECHNIC INSTITUTE) 20-07-1970 * Whole document * ---	1,3	
A	US-A-3 790 458 (N.V. DEMURIA) * Columns 5,6; claims 1-6 * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 25 B / C 25 C
Place of search THE HAGUE		Date of completion of the search 21-02-1989	Examiner GROSEILLER PH.A.
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	