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(54) **Internal-oxidation method for production of electrical contact materials.**

(57) Electrical contact materials are made by the internal-oxidation of Ag alloys containing from more than 4.5 weight % to 12 weight % Sn, from 0.05 to 0.1 wt. % of Zr and a balance of Ag, the internal oxidation being conducted at an elevated oxygen atmospheric pressure, i.e. from more than 10 to 200 atm.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 8996

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.5)
A	WORLD PATENTS INDEX Week 7650, Derwent Publications Ltd., London, GB; AN 76-93023X (50) * the whole document *	1,3	H01H1/02 C22C1/10
D	& JP-A-51 121 795 (NIPPON TUNGSTEN K. K.) 26 October 1976 ---		
A	FR-A-2 084 338 (DR. EUGEN DURRWACHTER DODUCO) * page 2, line 7 - line 26 * * page 3, line 10 - line 34; claims 1,3 * ---	1,3	
A	GB-A-611 813 (MALLORY METALLURGICAL PRODUCTS LTD.) * page 3, line 27 - line 104; claims 1,12 * ---	1	
D,A	US-A-3 933 485 (SHIBATA, A.) * column 1, line 53 - column 2, line 51; claim 1 * ---	1-3	
A	US-A-4 472 211 (SHIBATA, A.) * column 2, line 9 - line 60 * ---	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	Z. METALLKUNDE vol. 64, no. 4, 1973, pages 286 - 295; STÖCKEL, D. & GRABKE, H. J.: 'Die innere Oxidation von Silberlegierungen bei hohen Drücken und in atomarem Sauerstoff' * abstract * -----	1,3	H01H C22C
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 07 FEBRUARY 1992	Examiner NIELSEN K.
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			