



⑰

①① Publication number:

0 136 713
A3

⑫

EUROPEAN PATENT APPLICATION

⑳① Application number: **84111843.3**

⑳① Int. Cl. 4: **H 01 H 11/04, H 01 H 13/70**

⑳② Date of filing: **03.10.84**

⑳③ Priority: **04.10.83 JP 184467/83**

⑳⑦ Applicant: **Kobayashi, Masami, 3-13-15, Hachimanyama Setagaya-ku, Tokyo (JP)**

⑳④ Date of publication of application: **10.04.85**
Bulletin 85/15

⑳⑦ Inventor: **Kobayashi, Masami, 3-13-15, Hachimanyama Setagaya-ku, Tokyo (JP)**

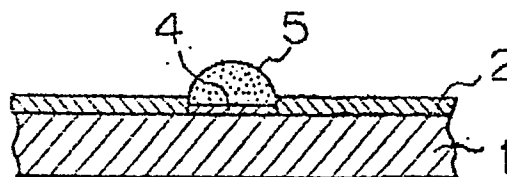
⑳⑤ Designated Contracting States: **BE DE FR GB NL**

⑳⑧ Representative: **Luderschmidt, Wolfgang, Dr. Dipl-Chem., Patentanwälte Görtz, Dr. Fuchs, Dr. Luderschmidt Sonnenberger Strasse 100, D-6200 Wiesbaden (DE)**

⑳⑧ Date of deferred publication of search report: **01.10.86 Bulletin 86/40**

⑳④ **Electric contact member and method of making same.**

⑳⑦ An electric contact member comprising a thin sheet of a stainless steel and a projection of a tin-lead type solder formed on the surface of the thin sheet as a contacting portion is provided. The electric contact member is made by a process wherein a stainless steel sheet is printed with a resist paint of a desired pattern; the stainless steel sheet is optionally electroplated with nickel; the nickel-plated or non-plated stainless steel sheet is electroplated with gold, silver, palladium or their alloys; the electroplated stainless steel sheet is dipped in a bath of a tin-lead alloy solder melt whereby spot-like or stripe projections of the solder are formed on the stainless steel sheet; and then, the sheet is cut into electric contact members.



EP 0 136 713 A3



European Patent
Office

EUROPEAN SEARCH REPORT

0136713

Application number

EP 84 11 1843

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	DE-A-3 010 970 (SIEMENS) * Whole document *	1,5	H 01 H 11/04
A	--- DE-A-1 514 889 (TALON INC.)	1,5	
A	--- IEEE TRANSACTIONS ON PARTS, HYBRIDS, AND PACKAGING, vol. PHP-11, no. 1, March 1975, pages 35-44, New York, US; M. ANTLER et al.: "Base metal contacts: an exploratory study of separable connection to tin-lead" -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 H
Place of search THE HAGUE		Date of completion of the search 22-07-1986	SANDRI Examiner
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			