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EUROPEAN PATENT APPLICATION

②① Application number: **82108330.0**

⑤① Int. Cl.⁴: **H 01 H 1/02, H 01 H 11/04,**
H 01 R 13/02

②② Date of filing: **09.09.82**

③① Priority: **11.09.81 US 301811**

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④③ Date of publication of application: **23.03.83**
Bulletin 83/12

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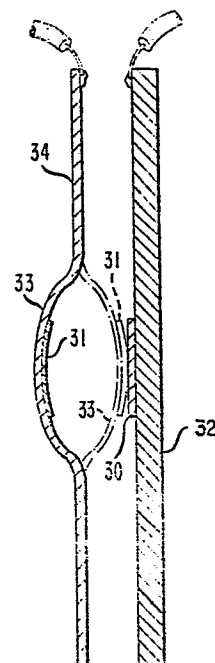
⑧④ Designated Contracting States: **IT**

⑧⑧ Date of deferred publication of search
report: **22.05.85 Bulletin 85/21**

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⑤④ **Apparatus including electrical contacts.**

⑤⑦ This invention relates to apparatus including mating electrical contacts at least one of which comprises a substrate and a contact layer in intimate contact with the said substrate. The contact layer includes a crystallographic phase produced by in situ reaction using energies associated with conventional ambient and involving a reactant present in a substrate together with one introduced externally. The resulting layered chemical compound is a suitable replacement for electroplated gold and serves in make/break switches, connectors, sustained contact elements, etc.





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. ³)
Y	EP-A-0 007 115 (GESELLSCHAFT FÜR KERNENERGIE-VERWERTUNG IN SCHIFFBAU UND SCHIFFFAHRT) * Page 7, lines 3-30 * ---	1-7	H 01 H 1/02 H 01 H 11/04 H 01 R 13/12
Y	FR-A-2 253 261 (DANFOSS) * Page 1, lines 6-40; page 3, lines 1-17 * ---	1-7	
A	DE-A-2 519 572 (SIEMENS) * Page 5 * ---	1-7	
A	US-A-4 323 590 (HAZEMEIJER B.V.) * Column 3, lines 30-35 * ---	1	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
A	GB-A- 531 235 (MALLORY METALLURGICAL PRODUCTS LIMITED) ---		H 01 H 1/00
A	SU-A- 328 196 (CHER-KIS) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-01-1985	Examiner P. JANSSENS DE VROOM
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			