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(54) **A treatment for lengthening the life of electromagnetic relays**

(57) A treatment for lengthening the life of electromagnetic relays is characterized by the determining magnetic elements of the contacts in the relay being surface-hardened by means of the incorporation of a fine TiN (titanium nitride) base covering coat.

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## EUROPEAN SEARCH REPORT

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| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                 |                                  |                                              |
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| Place of search                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                 | Date of completion of the search | Examiner                                     |
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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