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71 Applicant: **RAYCHEM CORPORATION, 300 Constitution Drive, Menlo Park California 94025 (US)**

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72 Inventor: **Harrison, John David, 7, Nunes Road, Watsonville California 95076 (US)**

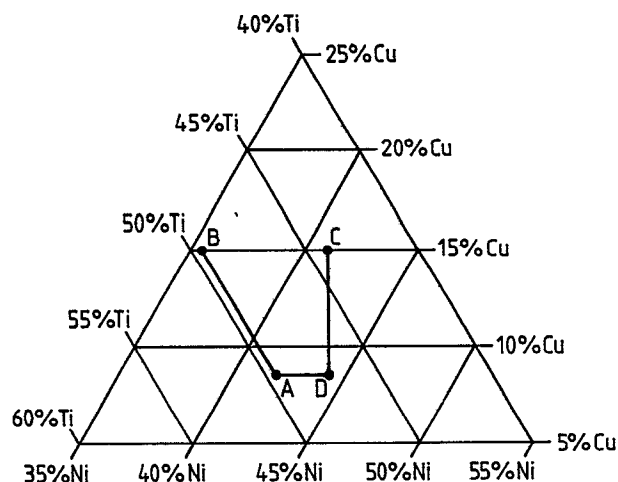
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74 Representative: **Jones, David Colin et al, RAYCHEM Intellectual Property Law Department Swan House 37-39 High Holborn, London WC1 (GB)**

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54 **Nickel/titanium/copper shape memory alloys.**

57 The invention relates to shape memory alloys consisting essentially of nickel, titanium, and copper. The alloys of this invention, which contain less than a stoichiometric amount of titanium, are capable of developing the property of shape memory at a temperature above 0°C. The presence of from 8.5 to 15 atomic percent copper stabilizes the alloys. Alloys according to this invention are particularly useful as switches and actuators.





European Patent
Office

EUROPEAN SEARCH REPORT

0088604
Application number

EP 83 30 1168

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)
A	DE-A-2 644 041 (BROWN, BOVERI & CIE.) * Claims 1-9 * -----	1,2	C 22 C 30/02
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			C 22 C 14/00 C 22 C 19/00 C 22 C 30/02
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-03-1984	Examiner LIPPENS M.H.
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	