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(54) **BUSHING INSULATOR WITH SHIELDING OF THE ELECTRICAL FIELD, PARTICULARLY FOR MEDIUM AND HIGH-VOLTAGE SWITCHBOARDS**

(57) The present invention concerns a bushing insulator with shielding of the electrical field to be used, for examples, in medium or high-voltage air or gas-insulated switchboards, medium or high-voltage power transformers and reactance, instrument transformers, capacitors and medium and high voltage gas insulated

busbar, that comprises a moulding of electrical insulating material enclosing a metal insert for shielding the electrical field.

The bushing insulator of the invention is characterised by the fact that said metal insert comprises at least portions of shape memory material capable to assume a predetermined shape upon thermal stress.

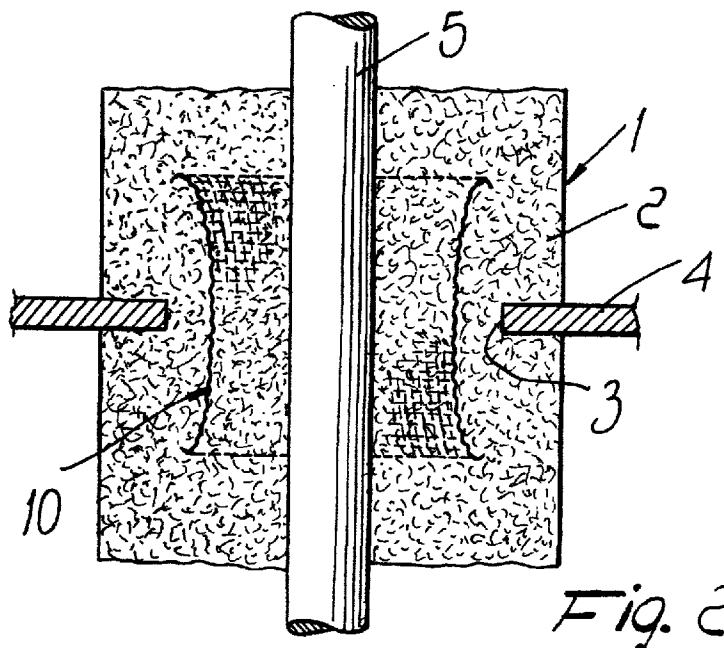


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 98 20 2137

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.6)
A	DE 195 47 120 A (AEG SACHSENWERK) 19 June 1997 * column 2, line 50 - column 3, line 44; figures 1,2 * -----	1,2	H01B17/26
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		29 December 1998	Demolder, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>..... & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 20 2137

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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29-12-1998

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 19547120 A	19-06-1997	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82