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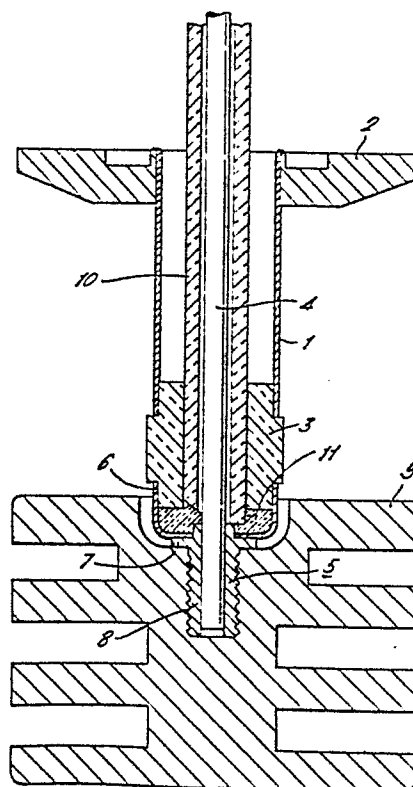
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54 Leadthrough arrangement.

57 A leadthrough arrangement for providing an electrical connection through the wall of a furnace, comprises a tubular body (2) having an electrical conductor (4) passing there-through and electrically isolated therefrom, there being an insulating sheath (10) surrounding the conductor (4) throughout its length within the body (2), and a heat sink (9) mounted on the conductor (4) externally of the body (2). The body (2) is adapted to be mounted over an opening in a furnace wall in vacuum tight manner.





European Patent
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EUROPEAN SEARCH REPORT

0152307

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EP 85 30 0995

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)
X	DE-A-2 201 348 (SIEMENS) * Page 1, paragraph 3 - page 2, paragraph 3; page 3, last paragraph; figures 1,2 *	1,6	H 01 B 17/30
Y	---	2,3	
Y	FR-A-1 188 732 (PLESSEY) * Page 2, right-hand column, paragraphs 1,2,5 *	2,3	
A	FR-A- 966 111 (B.B.C.) * Page 1, right-hand column, paragraph 3 - page 2, left-hand column, paragraph 1; figure 1 *	1,2,6	
A	FR-A-2 444 834 (PROCAL) * Page 2, lines 6-28; figure 1 *	1,4	
A	FR-A- 852 026 (BERGHAUS) * Page 4, line 99 - page 5, line 16; figures 1,2 *	1,6	
A	DE-A-2 524 217 (KERNFORSCHUNG) * Page 4, last paragraph; figure 2 *	1	
A	FR-A-2 049 618 (COMMISSARIAT) * Page 1, lines 12-23,30-34; figure 1 *	4,5	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-06-1988	Examiner TIELEMANS H.L.A.
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	

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