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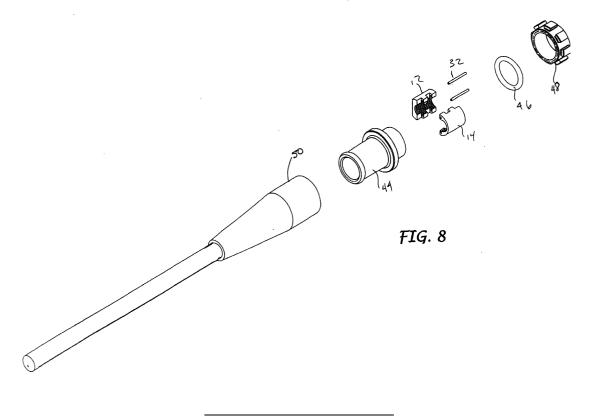
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## (54) Grounding lug clamp

(57) A grounding lug clamp (10) has a top (12) and bottom (14) with a passageway (22) therethrough to withstand extremely high currents for sustained periods of time. The lug clamp (10) is secured to the armor wrap

of an armored cable to ground the cable without splitting the armor wrap. The lug clamp (10) has a post or screw (38) for connecting to ground. The top (12) and bottom (14) are secured around the cable with dowel pins (32), a hinge and pins, or a sleeve.





## **EUROPEAN SEARCH REPORT**

**Application Number** EP 00 30 2945

Category	Citation of document with indicatio of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
X	US 4 325 598 A (LEONARDO 20 April 1982 (1982-04- * column 1, line 42 - co	20)	T	H01R4/66
х	US 5 713 748 A (MULVIHI 3 February 1998 (1998-0: * column 3, line 32 - co	2-03)	1,9	
X	DE 43 21 700 A (DEUTSCH TELEKOM) 12 January 1999 * column 2, line 3 - co	5 (1995-01-12)	1,10	
A	FR 2 630 577 A (CAPRI CO 27 October 1989 (1989-10 * page 6, line 5 - page	0-27)	1-10	
				TECHNICAL FIELDS SEARCHED (Int.CI.7) HO1R HO2G
***************************************	The present search report has been dr	awn up for all claims		
Place of search THE HAGUE		Date of completion of the search 21 December 2001	Dem	Examiner ol, S
X : parti Y : parti docu	ATEGORY OF CITED DOCUMENTS  cularly relevant if taken alone cularly relevant if combined with another imment of the same category	T : theory or principl E : earlier patent do after the filing da D : document cited i L : document cited fo	e underlying the i cument, but publi te n the application or other reasons	nvention
A : technological background O : non-written disclosure P : intermediate document		& : member of the sa		

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

EP 00 30 2945

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-12-2001

cit	Patent docume ed in search re	nt port	Publication date		Patent family member(s)	Publication date
US 4	325598	Α	20-04-1982	NONE		
US 5	713748	Α	03-02-1998	NONE	-While Latest Read-States across ander Privat States Admit Hand States about Haber States States	
DE 4	321700	Α	12-01-1995	DE	4321700 A1	12-01-1995
FR 2	630577	Α	27-10-1989	FR	2630577 A1	27-10-1989

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