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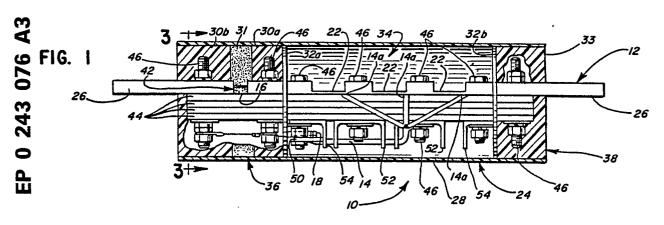
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(54) Current interrupter.

A current interrupter (10) wherein current is normally carried by a bus bar (12), and a portion of the bus bar (12) is segmented by a pyrotechnic charge (14) under excess current conditions. The charge (14) is detonated by a detonator (18) which is triggered by voltage across a resistive element (16) having a predetermined melting point connected in series with the bus bar (12). At the time the detonator (18) is triggered, the resistive element (16) provides sufficient resistance to trigger the detonator (18) while operating at a temperature below its melting point. A control device (20) may be employed to control current flow through the detonator (18).



EUROPEAN SEARCH REPORT

EP 87 30 3276

	Citation of document with ind			AT 1000PTA 1 TO 1 TO 1
ategory	Citation of document with ind of relevant pass	ication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,X	US-A-4 538 133 (H.M * column 1, line 58 13; column 3, line 2: 49; figures 3,5,6 *	- column ² , line	1,2	H 01 H 39/00
X	EP-A-O 121 982 (G & COMPANY) * claims 1,5; page 3 4, line 27 - page 5, 1,2 *; & US - A - 44	, lines 22-35; page line 35; figures	1,2	
A	DE-A-2 907 615 (WES CORP.) * page 10, paragraph paragraph 3; page 12 page 13, paragraph 2	5 - page 11, , paragraph 3 -	1,3,4	
A	US-A-3 700 970 (N. * column 7, line 43 44; figures 1-12 *		1,3,4	
				TECHNICAL FIELDS SEARCHED (Int. Cl.4)
				H 01 H 39/00 H 02 H 3/02 H 01 H 9/10
	The present search report has be	en drawn up for all claims		
		Date of completion of the search 25-04-1989	1	Examiner PERT W
X : pa Y : pa	CATEGORY OF CITED DOCUMEN articularly relevant if taken alone articularly relevant if combined with anoracument of the same category	T: theory or pr E: earlier pate after the fil ther D: document of	rinciple underlying th nt document, but pul	e invention olished on, or on

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document of the same category

A: technological background

O: non-written disclosure

P: intermediate document

L: document cited for other reasons

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