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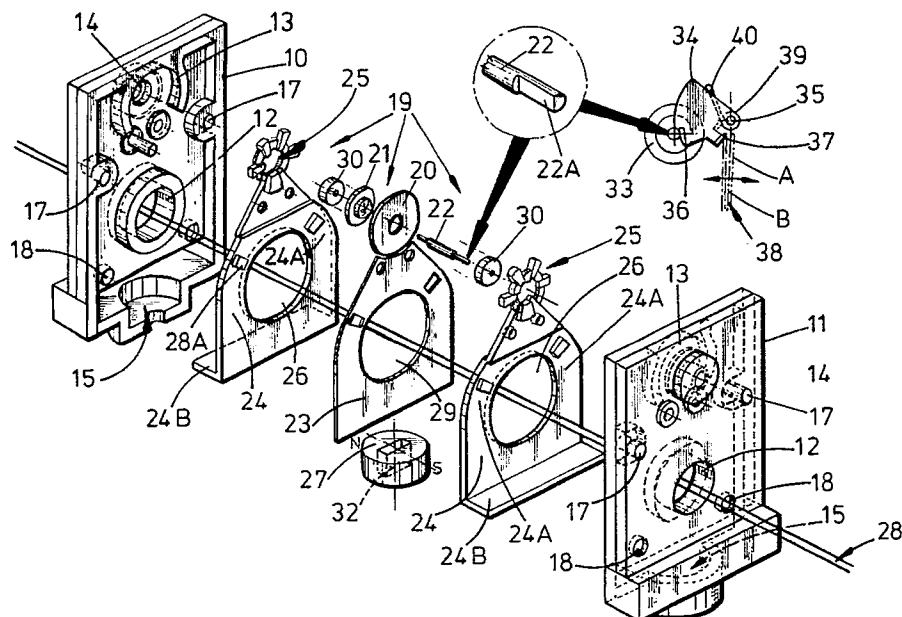
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(54) **Residual current devices.**

(57) An RCD comprises a current-monitoring system or device including an electro-mechanical release means adapted to actuate a circuit-breaking mechanism upon current imbalance. The electro-mechanical release means comprises a re-setting motor, whereof the rotary output shaft is provided with a

cam or ramp surface to engage with a release flag adapted to act on a latch to release a switch mechanism of the RCD. Stationary poles of the re-setting motor are formed with an extension having an aperture through which conductors connecting a power supply to a load can pass.



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EUROPEAN SEARCH REPORT

Application Number

EP 89 31 2352

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.5)
A	FR-A-2 380 630 (SATELEM) * claim 1; figure 1 * - - -	1	H 01 H 71/32
A	DE-B-1 157 294 (SIEMENS-SCHUCKERTWERKE) * figures * - - -	1	
D,A	WO-A-8 807 755 (WYLEX WORKS) * page 5, paragraph 5 - page 6, paragraph 7; figures * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 H
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		24 July 91	JANSSENS DE VROOM P.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
Y: particularly relevant if combined with another document of the same category		D: document cited in the application	
A: technological background		L: document cited for other reasons	
O: non-written disclosure		&: member of the same patent family, corresponding document	
P: intermediate document			
T: theory or principle underlying the invention			