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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H01H 83/04		A1	(11) International Publication Number: WO 96/01489
			(43) International Publication Date: 18 January 1996 (18.01.96)
(21) International Application Number: PCT/GB95/01554		(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).	
(22) International Filing Date: 30 June 1995 (30.06.95)			
(30) Priority Data:			
✓ 9413409.5 ✓	4 July 1994 (04.07.94) ✓	GB	
✓ 9413411.1 ✓	4 July 1994 (04.07.94)	GB	
✓ 9413410.3 ✓	4 July 1994 (04.07.94)	GB	
✓ 9413982.1 ✓	12 July 1994 (12.07.94)	GB	
✓ 9422713.9 ✓	10 November 1994 (10.11.94)	GB	
✓ 9422818.6 ✓	11 November 1994 (11.11.94)	GB	
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(54) Title: OPERATION OF RESIDUAL CURRENT DEVICES			
(57) Abstract			
This invention relates to a push button residual current device wherein a single push button is used to perform setting and testing operations on the device. More specifically, over the first part of the down stroke of the push button a test trip is initiated which will trip the device if it is functioning correctly. If the button is pushed further, and then released, the device goes into a state allowing current to pass, assuming that no trip condition is detected. Once the device is allowing current to pass, any fault causing the device to trip will result in the immediate disconnection of the power supply, irrespective of the state of the push button.			

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