

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 February 2003 (27.02.2003)

PCT

(10) International Publication Number
WO 03/017219 A1

(51) International Patent Classification⁷: **G08B 13/186**,
G02B 6/44, H04B 10/12, H01B 7/24, 7/29, A01K 3/00

(21) International Application Number: PCT/AU02/00962

(22) International Filing Date: 18 July 2002 (18.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PR 7079 16 August 2001 (16.08.2001) AU
PR 8603 31 October 2001 (31.10.2001) AU

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

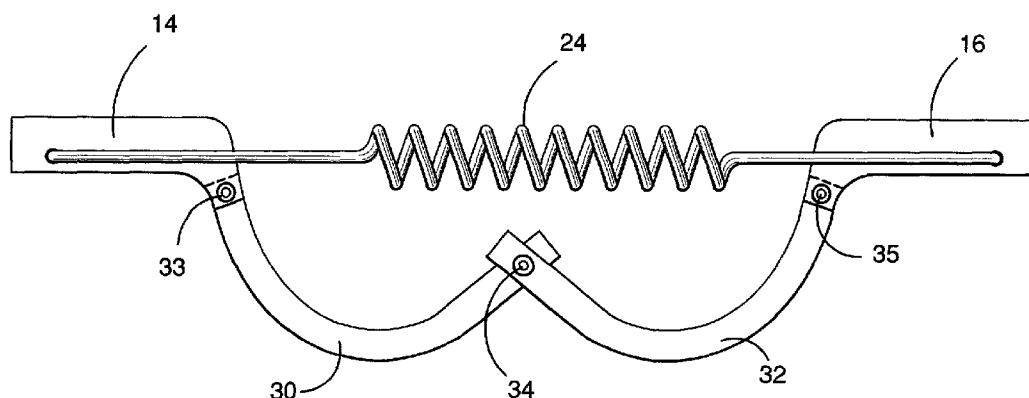
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: OPTIC FIBRE SUPPORT DEVICE



(57) **Abstract:** A device for supporting an optical fibre in a perimeter barrier is disclosed. The device has a pair of arms (207) and (208) which are pivotally mounted on a pivot pin (225) and which are biased into a predetermined orientation by springs (210, 211/302, 310). The arms (207) and (208) support a fibre (250) which is connected to the arms in a predetermined configuration. The arms carry support portions (200, 201) which connect to wires (12a) and (12b) of the perimeter. If the wires are pulled apart, one of the arms (207) or (208) moves relative to the other arm against the bias of the spring (213, 214) or (302, 310) to move the fibre supported on the arms to cause an alarm to be generated. If the wire is cut, the spring biases one of the arms into moving relative to the other arm to also cause the alarm to be generated. However, if the wires (12a) and (12b) expand or contract due to changes in temperature, the arms (207) and (208) are pivoted on the pivot pin (225) in a fixed manner relative to one another so that the fibre is not disturbed, and therefore an alarm is not generated.



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