

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 March 2003 (20.03.2003)

PCT

(10) International Publication Number
WO 03/023267 A1

(51) International Patent Classification⁷: **F16L 5/04**, 57/04

(74) Agent: **CULLEN & CO**; Level 26, 239 George Street,
Brisbane, Queensland 4000 (AU).

(21) International Application Number: PCT/AU02/01235

(22) International Filing Date:
9 September 2002 (09.09.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PR 7576 10 September 2001 (10.09.2001) AU

(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, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (*for all designated States except US*): **TRUSS HOLDINGS PTY LTD** [AU/AU]; Unit 4, 37 Veronica Street, Capalaba, Queensland 4157 (AU).

(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).

(72) Inventor; and

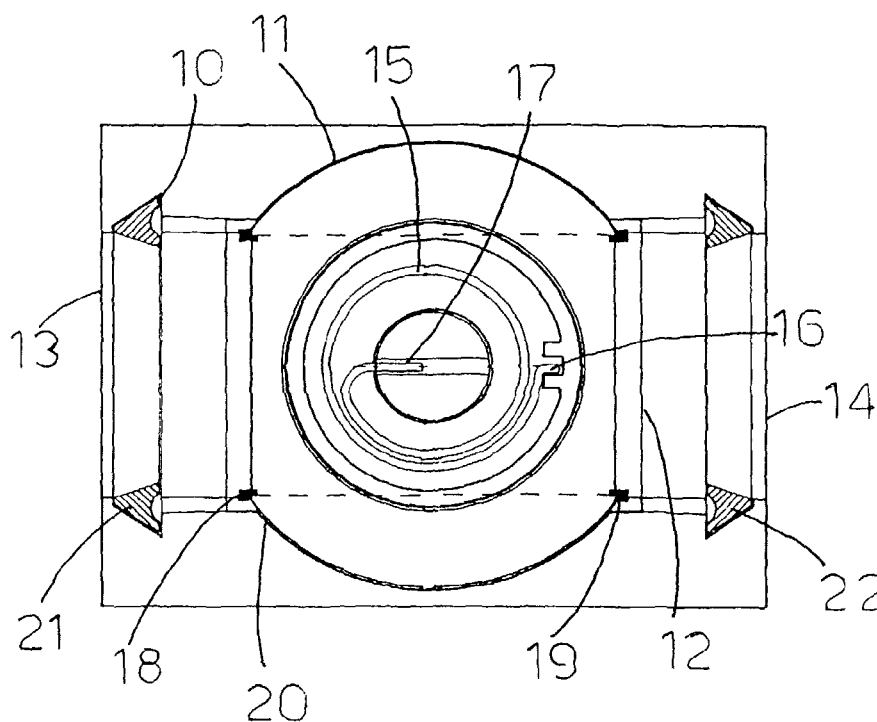
(75) Inventor/Applicant (*for US only*): **TRUSS, James, Walter, George** [AU/AU]; Unit 4, 37 Veronica Street, Capalaba, Queensland 4157 (AU).

Published:

— with international search report

[Continued on next page]

(54) Title: FIRE COLLAR



(57) Abstract: A fire collar or fire damper for location within a concrete slab of a building. The device incorporates a damper arrangement (12) and a heat detector (18, 19) comprising a metal alloy or lead which melts when a preset temperature is reached, causing the damper arrangement to seal off associated pipework or ducting.



WO 03/023267 A1



— *with amended claims*

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.