

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 November 2007 (22.11.2007)

PCT

(10) International Publication Number
WO 2007/133817 A3

(51) International Patent Classification:
E04H 9/00 (2006.01)

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(21) International Application Number:
PCT/US2007/060392

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(22) International Filing Date: 11 January 2007 (11.01.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/335,082 19 January 2006 (19.01.2006) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

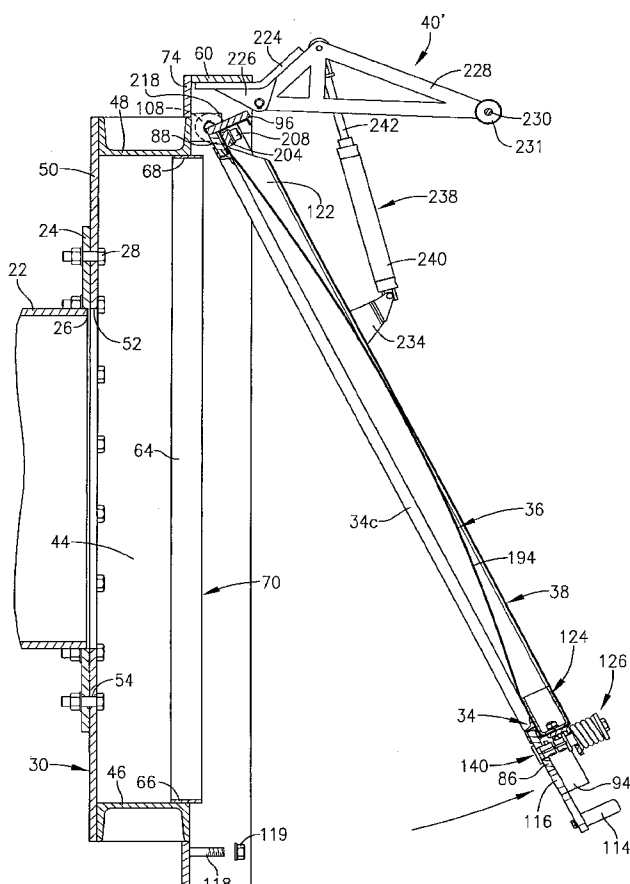
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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

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(54) Title: FULL OPENING AND RECLOSABLE EXPLOSION VENT APPARATUS



(57) Abstract: Explosion vent apparatus is provided, which includes a vent support unit defining a vent opening adapted to be aligned with an area to be protected from an overpressure condition, a vent panel movably mounted on the support unit in a normal closed position blocking the outlet and movable through a first displacement away from its closed position to a first overpressure-relieving position upon application of an overpressure of one magnitude of pressure while allowing movement of the vent panel through a second and greater displacement to a second overpressure-relieving position upon application of a higher overpressure. The vent panel does not deform or rupture upon opening, and recloses after pressure relief, either under spring pressure when opened under a lower first pressure, or by a fluid actuated reclosing mechanism upon full opening of the vent panel under a higher second pressure.



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

Published:

— *with international search report*

(88) Date of publication of the international search report:

6 March 2008