



(51) International Patent Classification:
A62B 25/00 (2006.01)

(21) International Application Number:
PCT/GB2009/050346

(22) International Filing Date:
8 April 2009 (08.04.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0806359.6 8 April 2008 (08.04.2008) GB

(71) Applicant (for all designated States except US): **SCOTT HEALTH & SAFETY LTD** [GB/GB]; Pimbo Road, West Pimbo, Skelmersdale, Lancashire WN8 9RA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CARR, Robert** [GB/GB]; Scott Health & Safety Ltd, Pimbo Road, West Pimbo, Skelmersdale, Lancashire WN8 9RA (GB). **THURGOOD, Steven** [GB/GB]; Scott Health & Safety Ltd, Pimbo Road, West Pimbo, Skelmersdale, Lancashire WN8 9RA (GB). **LEWIN, Barry** [GB/GB]; Scott Health & Safety Ltd, Pimbo Road, West Pimbo, Skelmersdale, Lancashire WN8 9RA (GB). **PICKETT, Tony** [GB/GB]; Scott Health & Safety Ltd, Pimbo Road, West Pimbo, Skelmersdale, Lancashire WN8 9RA (GB).

(74) Agents: **PERKINS, Sarah** et al.; Halton House, 20/23 Holborn, London EC1N 2JD (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, 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, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(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), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: CARRYING SYSTEM FOR BREATHING APPARATUS

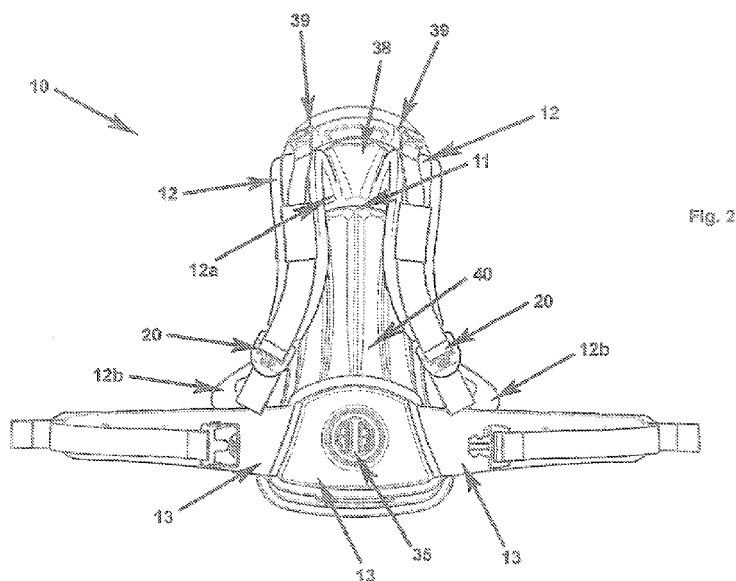


Fig. 2

(57) Abstract: A carrying system adapted for use with breathing apparatus suitable for carrying one or more air cylinders for use in emergency situations by people such as fire-fighters and others who may be exposed to contaminated and hostile environments. The carrying system comprises a backplate (11) and a pair of straps (12) adapted to hold the backplate (11) on the back of a user when the carrying system is worn. The backplate (11) comprises at least one plate of a plastics material adapted both to provide impact protection to a user during use by at least partially absorbing and / or dispersing impact forces, and to deform resiliently in response to external forces imposed by bending and / or twisting of a user during use and then return substantially to its predetermined shape when not subjected to an external force.

