

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084173 A3

(51) International Patent Classification⁷: **H01T 23/00**,
F42B 5/24, 8/00, 10/00, 12/00, 12/20, 12/58, 12/68

(72) Inventors: **SMITH, Patrick, W.**; 4724 E. White Drive,
Paradise Valley, AZ 85253 (US). **NERHEIM, Magne, H.**;
7033 E. Joan De Arc, Scottsdale, AZ 85254 (US).

(21) International Application Number:
PCT/US2004/032981

(74) Agent: **BACHAND, William, R.**; Taser International,
Inc., Legal Dept., 17800 N. 85th Street, Scottsdale, AZ
85255-9603 (US).

(22) International Filing Date: 7 October 2004 (07.10.2004)

(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, 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, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/509,577 7 October 2003 (07.10.2003) US
10/714,572 13 November 2003 (13.11.2003) US

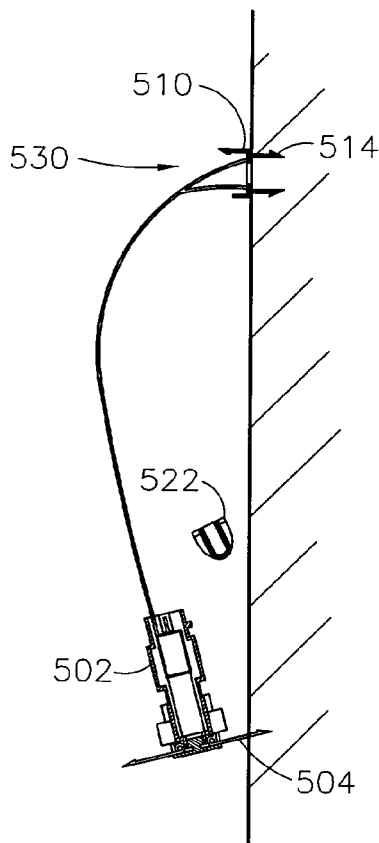
(71) Applicant (*for all designated States except US*): **TASER
INTERNATIONAL, INC.** [US/US]; 17800 N. 85th Street,
Scottsdale, AZ 85255-9603 (US).

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,

[Continued on next page]

(54) Title: SYSTEMS AND METHODS USING AN ELECTRIFIED PROJECTILE

(57) Abstract: An apparatus (100) for immobilizing a target includes elec-
trodes (514, 504) deployed after contact is made between the apparatus and
the target. Spacing of deployed electrodes (514, 504) may be more accurate
and/or more repeatable for more effective delivery of an immobilizing stim-
ulus signal.



WO 2005/084173 A3



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, HU, IE, IT, LU, 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*

(88) Date of publication of the international search report:
17 November 2005

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.