

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/141584 A3

(51) International Patent Classification:
A63B 71/06 (2006.01)

(21) International Application Number:
PCT/HR2007/000020

(22) International Filing Date: 5 June 2007 (05.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P20060219A 8 June 2006 (08.06.2006) HR

(71) Applicant and

(72) Inventor: **POTOCKI, Pavao** [HR/HR]; Trg Dragutina
Domjanica 2, 10360 Sesvete (HR).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, 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, 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.

(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, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

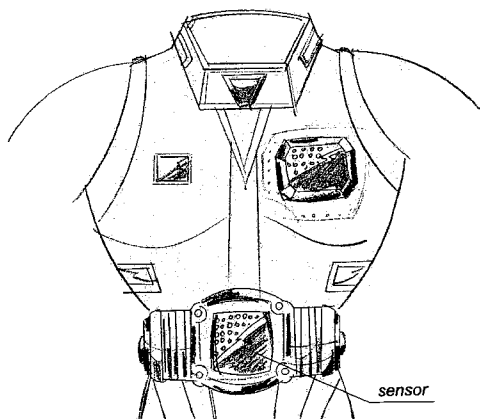
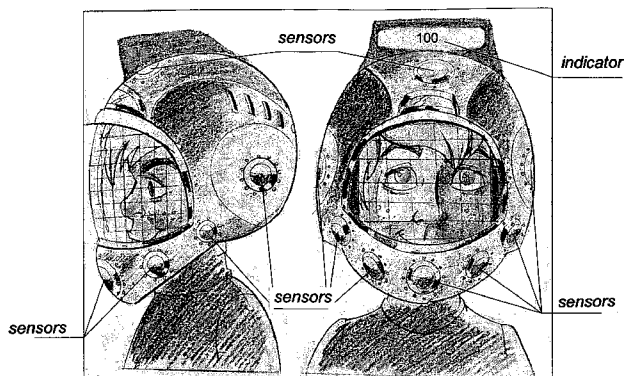
Published:

- with international search report
- 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:
24 January 2008

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: "ELECTRONIC BOXING" OUTFIT HELMET AND BELT WITH INSTALLED ELECTRONIC SENSORS WHICH RESPOND TO THE PUNCH STRENGTH PLUS PUNCH COUNTER



(57) Abstract: The foregoing description clearly illustrates the technical solution for "Electronic boxing" and its applicability in fencing disciplines. Generally, the main purpose is the safety of contestants, precision rating on points (electronics), appealing to a greater number of participants than is the case with conventional boxing. It is therefore intended for use in various game salons, school sports clubs, training in boxing clubs and fitness exercises in other sports.

INTERNATIONAL SEARCH REPORT

International application No

PCT/HR2007/000020

A. CLASSIFICATION OF SUBJECT MATTER

INV. A63B71/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A63B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SU 598 613 A1 (VNII FIZICHESKOJ KULTURY [SU]) 22 February 1978 (1978-02-22) the whole document	1-5
Y	WO 2005/034666 A (BODYCAGE LTD [GB]; ASPRAY MATTHEW [GB]) 21 April 2005 (2005-04-21) page 1, line 1 - page 13, line 9; figures 1,2	1-5
A	FR 2 612 411 A (FERNANDEZ SALVADOR [FR]; PINCON GILLES [FR]) 23 September 1988 (1988-09-23) the whole document	1-5
	----- -/--	

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

19 November 2007

Date of mailing of the international search report

27/11/2007

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Jekabsons, Armands

INTERNATIONAL SEARCH REPORT

International application No
PCT/HR2007/000020

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 308 578 B1 (DEROSE DAYNE [US]) 30 October 2001 (2001-10-30) column 2, line 34 - column 4, line 31; figures 1-7 -----	1-5
A	US 2002/037759 A1 (ALDRIDGE RAYMOND DANIEL WILSON [US]) 28 March 2002 (2002-03-28) the whole document -----	1-5
A	WO 90/09218 A (FOLEY RICHARD CHARLES JOHN [GB]; SMITH KENNETH ROWLAND [GB]) 23 August 1990 (1990-08-23) page 2, line 29 - page 5, line 17; figures 1-4 -----	1-5
A	US 2002/077223 A1 (ZAI HAMAYUN AHMAD [US]) 20 June 2002 (2002-06-20) the whole document -----	1-5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/HR2007/000020

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
SU 598613	A1	22-02-1978	NONE
WO 2005034666	A	21-04-2005	CA 2542065 A1 21-04-2005 EP 1675488 A1 05-07-2006 GB 2407477 A 04-05-2005 US 2007056081 A1 15-03-2007
FR 2612411	A	23-09-1988	NONE
US 6308578	B1	30-10-2001	NONE
US 2002037759	A1	28-03-2002	US 2004140905 A1 22-07-2004
WO 9009218	A	23-08-1990	AU 5105190 A 05-09-1990 DE 69008345 D1 26-05-1994 DE 69008345 T2 01-12-1994 EP 0458853 A1 04-12-1991 ES 2055903 T3 01-09-1994 GB 2246078 A 22-01-1992 JP 4504965 T 03-09-1992
US 2002077223	A1	20-06-2002	NONE