

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 December 2010 (09.12.2010)

PCT

(10) International Publication Number
WO 2010/141871 A3

(51) International Patent Classification:
H02G 1/06 (2006.01) *H02G 11/02* (2006.01)
H02G 1/08 (2006.01)

(21) International Application Number:
PCT/US2010/037479

(22) International Filing Date:
4 June 2010 (04.06.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/184,185 4 June 2009 (04.06.2009) US

(72) Inventor; and

(71) Applicant : **HOLLEY, Donald** [US/US]; 708 Nick-
elville Lane, Wylie, TX 75098 (US).

(74) Agent: **HOWISON, Gregory**; Howison & Arnott,
L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (US).

(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, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

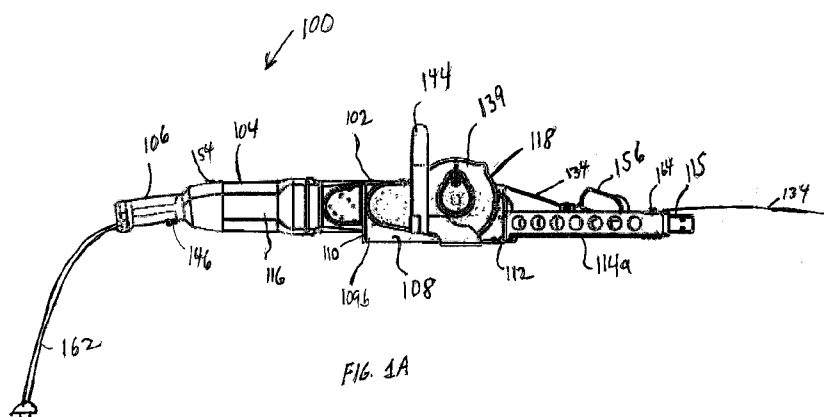
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,
ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK,
SM, 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))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
31 March 2011

(54) Title: CABLE PULLING MACHINE



(57) Abstract: An embodiment of a handheld portable cable puller for pulling cable through a raceway includes a housing, a spool fixedly interfaced to the housing, and a length of pulling cable disposed on the spool for being played out from the spool and rewound on the spool. The handheld portable cable puller further includes a motive device for driving the spool to rewind the pulling cable on the spool, and an interface for abutting proximate to an end of the raceway to substantially absorb resistive forces from the pulling cable during rewinding.

WO 2010/141871 A3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/037479**A. CLASSIFICATION OF SUBJECT MATTER*****H02G 1/06(2006.01)i, H02G 1/08(2006.01)i, H02G 11/02(2006.01)i***

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)

H02G 1/06; B66D 1/00; H02G 1/08

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: cable, wire, pulling, drum, spool

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6431524 B1 (WEBER; THILO) 13 August 2002 See column 2, line 43 - column 3, line 26; claim 1 and figures 3-5.	1-23
A	KR 10-2009-0039554 A (PARK, SAM JIN) 22 April 2009 See abstract, claim 1 and figure 1.	1-23
A	US 6691985 B1 (EL HADDAD; GEORGES M.) 17 February 2004 See column 2, line 26 - column 3, line 43; claim 1 and figures 1-6.	1-23
A	US 5664765 A1 (PICKRELL; JOHN W.) 09 September 1997 See abstract, claim 1 and figures 2-3.	1-23

☐ 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 application or patent 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 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

24 JANUARY 2011 (24.01.2011)

Date of mailing of the international search report

25 JANUARY 2011 (25.01.2011)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE Yong Ho

Telephone No. 82-42-481-8454



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2010/037479

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6431524 B1	13.08.2002	None	
KR 10-2009-0039554 A	22.04.2009	None	
US 6691985 B1	17.02.2004	None	
US 5664765 A1	09.09.1997	US 5152506 A1	06.10.1992
		US 5324006 A1	28.06.1994
		US 5533711 A1	09.07.1996
		US 5683073 A1	04.11.1997