(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 11 October 2001 (11.10.2001)

PCT

(10) International Publication Number WO 01/76030 A3

(51) International Patent Classification⁷: H02B 1/04

(21) International Application Number: PCT/US01/08127

(22) International Filing Date: 14 March 2001 (14.03.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) **Priority Data:**09/541,340 3 April 2000 (03.04.2000) US

- (71) Applicant: ADC TELECOMMUNICATIONS, INC. [US/US]; 13265 Technology Drive, Eden Prairie, MN 55344-2252 (US).
- (72) Inventors: SCHOMAKER, David, E.; 163 White Pine Road, Lino Lakes, MN 55014 (US). ARROYO GONZALEZ, Carlos; Tlaxcaltecas No. 1158 Col. Aztecas, Jaures Chihuahua (MX). HERNANDEZ, Delfino; Gonzalez de Leon No. 1876 Horizontes del Sur, Juarez Chihuahua (MX). SANCHEZ AGUILAR, Luis Manuel; Los Echaves No. 527-1 Alamos de San Lorenzo, Jaurez Chihuahua (MX). DELGADO GUEVARA, Narciso; Candelilla No. 9313 Col. Info. Ampliacion Aeropuerto, Jaurez Chihuahua (MX).
- (74) Agent: BRUESS, Steven, C.; P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

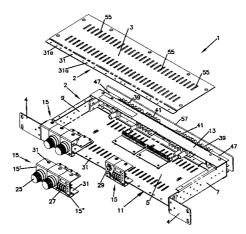
Published:

with international search report

(88) Date of publication of the international search report: 7 March 2002

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: POWER DISTRIBUTION PANEL WITH MODULAR ELEMENTS



(57) Abstract: A power distribution panel having circuit elements such as KTK and GMT fuses removably mounted to a unit housing by means of module members, thereby allowing for ease of customization of the circuit elements of the power distribution panel.





INTERNATIONAL SEARCH REPORT

Inte. .ional Application No PCT/US 01/08127

a. classif IPC 7	FICATION OF SUBJECT MATTER H02B1/04		
According to	International Patent Classification (IPC) or to both national classifica	tion and IPC	
B. FIELDS S			
IPC 7	cumentation searched (classification system followed by classification H02B H05K	n symbols)	
Documentati	ion searched other than minimum documentation to the extent that su	ich documents are included in the fie	olds searched
Electronic da	ata base consulted during the international search (name of data bas	e and, where practical, search terms	s used)
EPO-Int	ternal		
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.
Α	GB 2 018 031 A (WESSEX ADVANCED SWITCHING PROD) 10 October 1979 (1979-10-10) page 1, line 115 - line 123; figure 1		1,10,17, 25,27
Α	DE 36 28 130 C (W.C. HERAEUS GMBH 26 November 1987 (1987-11-26) abstract; figure 2	1,10,17, 25,27	
A	CH 300 420 A (HASLER AG) 31 July 1954 (1954-07-31) page 1, line 1 - line 16		1,10,17, 25,27
Furti	her documents are listed in the continuation of box C.	X Patent family members are	listed in annex.
"A" docume consider a consider to the consider to the consider to the consideration to the co	ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filling date but	"T" later document published after the or priority date and not in conflicted to understand the principle invention. "X" document of particular relevance cannot be considered novel or involve an inventive step when the considered to involve document of particular relevance cannot be considered to involve document is combined with one ments, such combination being in the art.	ct with the application but e or theory underlying the e; the claimed invention cannot be considered to the document is taken alone e; the claimed invention e an inventive step when the e or more other such docuo obvious to a person skilled
	han the priority date claimed	*&* document member of the same	
	actual completion of the international search October 2001	Date of mailing of the internatio $10/10/2001$	nal search report
	mailing address of the ISA	Authorized officer	· · · · · · · · · · · · · · · · · · ·
Maine and I	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	Dailloux, C	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intel onal Application No
PCT/US 01/08127

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
GB 2018031	Α	10-10-1979	NONE		
DE 3628130	С	26-11-1987	DE	3628130 C1	26-11-1987
CH 300420	Α	31-07-1954	NONE		