iCONN newsletter

iCONN Patent Announcement

One of iCONN Systems' core competencies is the design and development of connector systems for a wide range of markets. These markets include safety equipment, automotive and industrial control, just to name a few. iCONN's innovations efficiently boost product performance and provide our customers with new options and solutions that keep iCONN ahead of the competition.

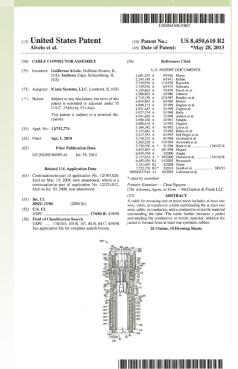
iCONN maintains a complete engineering staff which includes design, industrial, manufacturing and tooling engineers. iCONN utilizes these resources and vertically integrated manufacturing facility located in Lombard, Illinois to provide complete interconnect solutions to a wide range of markets.

iCONN is pleased to announce the issuance of their latest patent (US 8,450,610) for a synthetic rubber cable construction used in rugged, high temperature environments. This construction covers a wide range of configurations and can be integrated into many connector designs. The cable can be easily configured with various wire types and sizes and remain flexible, water tight, temperature resistant and prove to be and economical solution to many applications.

Contact iCONN for additional information concerning this patent or other connector solutions for your application. iCONN can provide an engineered solution along with 3D models, prototypes and performance testing / analysis.

iCONN will also facilitate third party testing and listing through Nationally Recognized Testing Laboratories (NRTL) like UL and CSA to provide a complete connector solution.

iCONN can also apply their connector products to pre-existing equipment. Providing an over-molded connector assembly to industrial equipment furnishes iCONN's customers with a rugged, watertight solution to enhance the quality and appearance of their product. iCONN's connector design and processes are flexible and allow for a wide range of material choices to suit the application or system requirements.



	Unite Smith, I		es Patent	(10) Patent No.: (45) Date of Patent:		US 7,722,259 B2 May 25, 2010	
_	, -			(,			
(54)	CABLE O	CONNECTOR	R ASSEMBLY	4,854,893		Morris	
				4,898,173		Doglow et al.	
(75)	Inventors:	Robert L. S	mith, III, Palos Park, IL	4,921,447	A 5/1990	Capp et al.	
		(US): Kerry	E. Nelson, Carol Stream, IL.	4,927,374	A 5/1990		
		(US): Guille	rmo Alvelo, Hoffman	4,941,850		Ankers et al.	
		Estates, IL (4,990,106		Szogda	
		Counce, IC (03)	5,080,614		Utgaren	
(73)	Assignce: iCONN Systems, LLC, Lombard, IL		5,104,342		Liu et al.		
(73)	Assignee.	(US)	terns, t.t.C, t.cincato, it-	5,127,843	A 7/1992	Henry et al.	
		(03)		5,217,393	A 6/1993	Del Negro et al.	
				5,338,225		Jocobsen et al.	
(")	Notice:		ny disclaimer, the term of this	5,362,258		Arrowald et al.	
J. (tended or adjusted under 35	5,823,803			
_		U.S.C. 154(1	b) by 100 days.	6,039,594			
				6,482,036		Beoussard	
(21)	Appl. No.	12/221,014		7,351,095			
				2005/0227545	A1 10/2005	Lahoreau et al.	
(22)	Filed:	Jul. 30, 2000	8	Balancas Franci	· · · · Omes E	taias	
			Primary Examiner—Omar Rojas (74) Attorney, Agent, or Firm—McCracken & Frank LLP				
(65)	Prior Publication Data		(74) Attorney, A	gent, or Fire	-McCracken & Frank LLP		
	US 2010/0027942 A1 Feb. 4, 2010		(57)	ABSTRACT			
(51)	Int. Cl.			A cable compact	or necessaristic	includes a fitting having first and	
(51)	G02B 6/3	6 (2	006.01)			fitting opening therethrough	
	H01R 13/648 (2006.01)				wherein the fitting is formed from a conductive material. The		
	H01R 4/26 (2006.01)			cable connector assembly further includes a ferrule having			
				cable connector	r assembly to	irther includes a terruse naving	
(52)			first and second ferrule ends, a ferrule opening therethrough and one or more teeth disposed axially along the ferrule				
	439/426		and one or mo	ire teeth disp	posed axially along the ferrule		
(58)	Field of Classification Search None					e is formed from a conductive	
	See application file for complete search history.			material. The f	irst ferrule e	nd is disposed over the secon	
				fitting end. The	cable conne	ctor assembly further includes a	
(56)	References Cited			tube including	an outer nor	sconductive layer and an inne	
		o names m	DOCUMENTS	conductive laye	er. The tube i	is disposed between the secon	
	U	a. PACENT I	AUCUMENTS.			le end and the ferrule is secure	
	1.601.255 /	9/1926	Marra	around the fittir	ar so that at la	east one of the one or more teet	
	2.245.148 #					ive layer and make contact with	
	3.539.976 A			pierce the outer	nonconduct	eve rayer and make contact will	
	3,739,076 /					create an EMI/RFI shield acros	
	4,159,862 /		Funck et al.	the fitting, the f	errule, and th	te tube.	
	4,580,862						
	4.710.139 4		Renders of all	1	6 Claims 16	Drawing Sheets	

