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(54) **A leaktight electrical wiring system usable particularly for halogen lighting systems, preferably arranged on support plates and/or the like**

(57) A leaktight electrical wiring system usable particularly for halogen lighting systems, preferably arranged on support plates and/or the like, comprises a support and wiring element (1) for switches/sockets (31), a transformer (32), etc., formed by a piece of metal section which can be fitted in a covering element 2 formed by a piece of channel section made of rigid plastics material of appropriate length for housing the wires (33) supplying the lamps (34) which are mounted on a

support plate (4) on the upper surface (3) of which two hollow end elements (5) bear, the end elements (5) being in the form of hollow caps disposed at the ends of the covering element after the interposition of resilient seals (6) and fixed to the support plate (4) by screws (V) fixing the covering element to the support plate (4), forming thereon a perfect seal owing to the action of the resilient seals (6) and of the lateral lips (22) of the covering element which are coextruded in soft plastics material and may be fixed by further screws (V1).

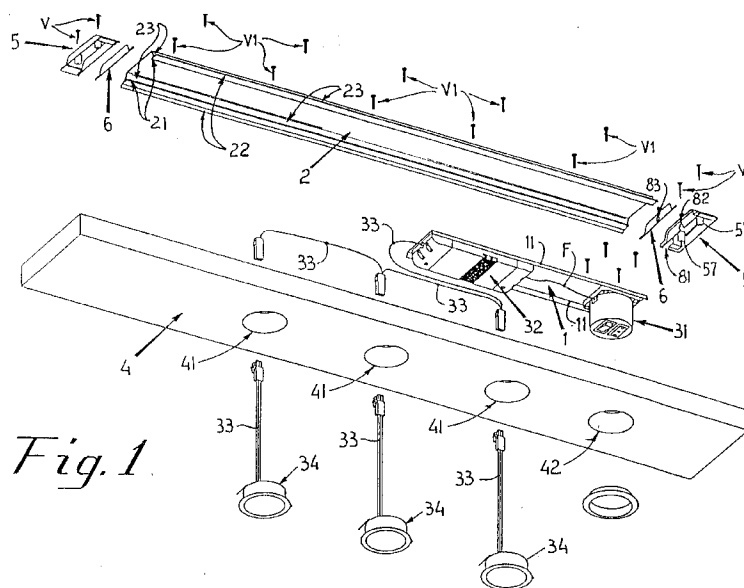


Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 97 20 3153

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	EP 0 392 136 A (STAHL R SCHALTGERAETE GMBH) 17 October 1990	1	H05B39/00
A	* column 5, line 5 - column 9, line 10; claims 1-23; figures 1,2 *	2-4	H05B1/02
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Y	EP 0 059 892 A (GTE PROD CORP) 15 September 1982	1	H01H9/00
A	* column 4, line 47-55 *	2-4	F21S1/10
	* column 6, line 45 - column 7, line 15; figures 1-3 *		F21S3/00

A	US 5 350 316 A (VAN WAGENER RAYMOND H ET AL) 27 September 1994	1-4	
	* column 21, line 16 - column 26, line 30; figures 1-9 *		

			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H05B
			H01H
			F21S
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
MUNICH		21 August 1998	Pierron, P
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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