



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 017 259 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
17.01.2001 Bulletin 2001/03

(51) Int. Cl.⁷: **H05K 5/00**, H01H 13/70,
B29C 45/14

(43) Date of publication A2:
05.07.2000 Bulletin 2000/27

(21) Application number: **99122044.3**

(22) Date of filing: **15.11.1999**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **30.12.1998 IT BL980020**

(71) Applicant: **ELETTROPLAST S.r.l.**
32015 Puos d'Alpago (Belluno) (IT)

(72) Inventor: **De Bastiani, Bruno**
32015 Puos D'Alpago, Prov. of Belluno (IT)

(74) Representative:
Modiano, Guido, Dr.-Ing. et al
Modiano & Associati SpA
Via Meravigli, 16
20123 Milano (IT)

(54) **Display cladding and insulation method, particularly for electronic control instruments**

(57) A method for cladding and insulating displays, particularly for electronic control instruments, comprising the steps of: producing a cover (A) to be associated with an instrument containment box (B); preparing molds for injection-molding two-component or multi-component materials, said molds being shaped so as to provide a rigid part (10), with at least one flat transpar-

ent part (12) for instrument viewing, and so as to provide a soft and flexible cladding (20), which clads exposed regions of said rigid part (10) and is interposed with a lower rim (22) and a first perimetric tooth (23) between said cover (A) and said box (B).

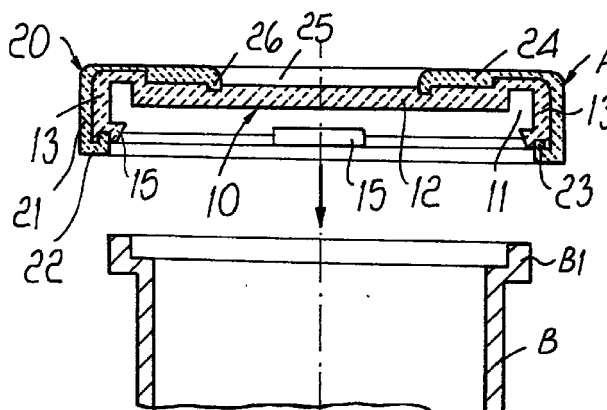


Fig. 2



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 12 2044

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.7)
Y	DE 27 47 536 A (DIEHL GMBH & CO) 26 April 1979 (1979-04-26)	1-3,5-7	H05K5/00 H01H13/70 B29C45/14
A	* claims 1,4; figure 2 * ---	4,8	
Y	US 5 386 084 A (RISKO JOHN J) 31 January 1995 (1995-01-31)	1-3,5-7	
A	* claims 1,3,5,8,12; figure 3 * ---		
A	DE 41 20 133 A (UHL SPORTARTIKEL KARL) 24 December 1992 (1992-12-24)	1	
A	* the whole document * ---		
A	DE 44 05 764 A (BRAUN AG) 24 August 1995 (1995-08-24)	1	
A	* the whole document * ---		
A	US 5 175 873 A (GOLDENBERG MICHAEL P ET AL) 29 December 1992 (1992-12-29)	1	
	* the whole document * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H05K B29C
Place of search	Date of completion of the search	Examiner	
THE HAGUE	23 November 2000	Toussaint, F	
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			

EPO FORM 1503 03 B2 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 12 2044

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-11-2000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 2747536	A	26-04-1979	NONE	
US 5386084	A	31-01-1995	NONE	
DE 4120133	A	24-12-1992	NONE	
DE 4405764	A	24-08-1995	EP 0684020 A	29-11-1995
US 5175873	A	29-12-1992	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82