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(54) **Switch for electrical installations**

(57) The invention relates to a switch for electrical installations, formed by a casing made from electrically insulating material made up of a hollow body (1) which is closed with a lid (2), internally housing terminals (4) for connecting external cables and an operating mechanism formed by a rocker (6) which is actuated from out-

side the lid (2) by means of a rocker element (9), the rocker (6) of the operating mechanism being arranged above the position of the terminals (4), such that the latter are close to each other; while the lid (2) is fixed with respect to the body (1) by means of ultrasonic welding joints (12) forming a non-disassemblable compact unit.

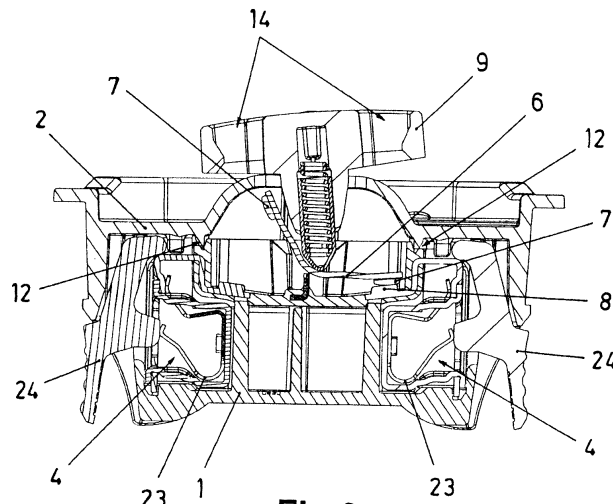


Fig.3

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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2005/173236 A1 (LAI KA FAI [HK]) 11 August 2005 (2005-08-11)	1	INV. H01H23/20
Y	* paragraph [0024]; figures 2,3 * -----	2	ADD. H01H23/02
Y	DE 84 28 052 U1 (HEINRICH KOPP GMBH) 20 December 1984 (1984-12-20) * page 9, lines 6-13; figure 1 * -----	2	H01H23/04 H01H23/14 H01H23/24
			TECHNICAL FIELDS SEARCHED (IPC)
			H01H
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 8 November 2011	Examiner Simonini, Stefano
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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EPC FORM 1503 03.82 (P04C01)



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

- Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):
- No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
- 1, 2
- The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1, 2

Invention 1 relates to the problem of fixing the operating key to the rest of the rocker.

2. claim: 3

Invention 2 relates to the problem of providing internal lighting to the device.

3. claim: 4

Invention 3 relates to the problem of fixing the operating mechanism to the casing.

4. claim: 5

Invention 4 relates to the problem of providing a sub housing for the terminals.

5. claim: 6

Invention 5 relates to the problem of fixing the lid to the housing.

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

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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.

08-11-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005173236 A1	11-08-2005	CN 1652272 A US 2005173236 A1	10-08-2005 11-08-2005
DE 8428052 U1	20-12-1984	NONE	

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