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(54) **Electrical double switch mechanism, with a quick connection**

(57) Four knife contacts -4- and -4a- are represented, together with the moving contacts -8-, actuated by swinging elements -11-, situated above the closure cover -12- of the base -1-, **characterized in that** it has four connection keys -2-, two by two, situated on the sides opposite the base -1-, V-shaped, its lateral cylindrical pins -17- resting axially on semi-cylindrical seats -18- of the base -1- on the side of housings -3-. Thus, each connection key -2- can swing from the horizontal position prior to placement until the vertical starting position of the connection of the wire conductor -19-, said key -2- being in this vertical position until the bottom of a cylindrical hollow -20- of the connection key -2-. The key -2- has the end of its lower face -22- in a fork shape, which delimits an upper aperture -23- wherein the front face of the corresponding knife contact -4- and -4a- is situated, a face provided with an aperture -4b-. Additionally, the key -22- has two buffers, one stub -24- inside a slot -25- of the base -1- and another -26-, below stub -24-, located outside of the edge of the base -1-. Said connection key -2- is situated on the lower part of the V of the base -1-, and has a stub -27-, resting against a spring -28- and positioned by means of a clipping action. The base -1- has four teeth -13-, two by two, which fit into slots -14- in the cover -12-, base and cover remaining held shut and the mechanism closed.

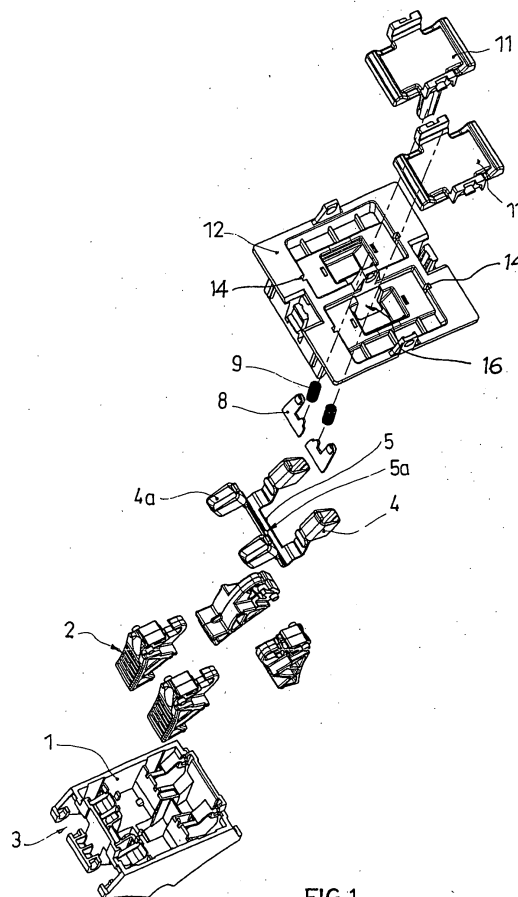


FIG.1



EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	WO 2007/025745 A1 (PHOENIX CONTACT GMBH & CO [DE]; BRANDBERG ERIC [US]; GESKE RALF [DE]) 8 March 2007 (2007-03-08) * page 4, line 6 - page 10, line 26; figures 1-5 *	1-5	
			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 October 2011	Examiner Nieto, José Miguel
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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**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.
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