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(71) Applicant: **Delphi Technologies, Inc.**  
Troy, Michigan 48007 (US)

(72) Inventors:  

- **Bohdan, Lukasz**  
47-330, Zdzieszowice (PL)
- **Stachura, Mariusz**  
32-700, Bochnia (PL)

(74) Representative: **Denton, Michael John et al**  
**Delphi France SAS**  
64 Avenue de la Plaine de France  
ZAC Paris Nord II  
B.P. 65059, Tremblay en France  
95972 Roissy Charles de Gaulle Cedex (FR)

(54) **Electrical switch assembly**

(57) An electrical switch assembly comprising a base plate (12); depressible switch buttons (14) mounted on the base plate and including electrical switch contacts; a cover plate (20) spaced from the base plate and extending in a plane substantially parallel to the plane of the base plate; an aperture (22) in the cover plate having a centre aligned with an axis (A), the axis being substantially perpendicular to the plane of the base plate; a knob (24) located on the opposite side of the cover plate to the base plate, the knob having a shaft (26) extending through the aperture, the aperture having a predetermined size and shape to restrict the translational movement of the knob shaft in the aperture to predetermined directions away from the centre of the aperture; actuating means (28) secured to the knob shaft on the opposition side of the cover plate to the knob, the actuating means having chamfered surfaces (30) at predetermined posi-

tions; actuating rods (32) extending in a direction substantially parallel to the axis between the switch buttons and the actuating means, at least one of the rods being selectively engageable with an associated one of the chamfered surfaces on translational movement of the knob away from the centre of the aperture to depress the associated switch button by way of said at least one rod; a cardan shaft (34) extending between the knob shaft and the base plate, the cardan shaft being extendable in length; a first cardan joint (36) connected between the cardan shaft and the knob shaft; a second cardan joint (38) connected between the cardan shaft and the base plate; wherein translational movement of the knob away from the centre of the aperture causes the cardan shaft to extend in length.



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 15 8408

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	Munich	31 August 2011	Ramírez Fueyo, M
CATEGORY OF CITED DOCUMENTS		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	
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			

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

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