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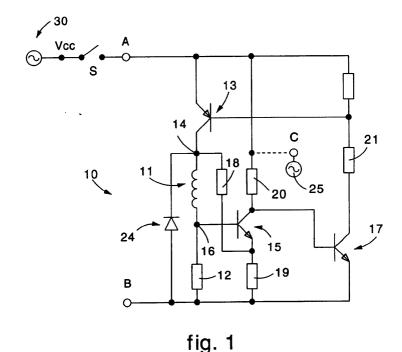
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## (54) Pilot circuit for relays or other similar electromechanical switching device, and method to pilot a relay by means of such circuit

(57) Pilot circuit for an electromechanical switching device, such as a relay or suchlike, comprising at least a coil (11). The circuit (10) comprises a feed source (30, 25) to feed a tension to selectively make a current circulate in the coil (11) in order to activate/de-activate the electromechanical switching device. The coil (11) has a first accumulation condition, wherein it loads with ener-

gy until the current circulating through it reaches an upper threshold value (Smax), and a second discharge phase, wherein the coil (11) releases the accumulated energy in order to allow the relay to be switched. The energy release phase continues until the current circulating in the coil (11) reaches a lower threshold value (Smin), after which a new accumulation cycle begins.





## **EUROPEAN SEARCH REPORT**

Application Number EP 03 00 2373

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Place of search		Date of completion of the search  20 November 2003	1116	Examiner	
THE HAGUE  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 princip E : earlier patent of after the filling of D : document cited L : document cited	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		

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

EP 03 00 2373

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

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