

Title (en)  
ELECTRICAL SWITCH

Publication  
**EP 0249810 B1 19920805 (DE)**

Application  
**EP 87108048 A 19870604**

Priority  
CH 249986 A 19860620

Abstract (en)  
[origin: US4785146A] An electric switch wherein a fixed contact is engaged by a tiltable and reciprocable second contact under the action of an elastic washer or a coil spring. The second contact can be tilted by a projection, which extends from the housing, in cooperation with a flat abutment in the housing. When the projection is tilted, it causes the second contact to pivot relative to the abutment and to become disengaged from the fixed contact. The projection can be tilted by a bar or a tube which must be displaced by a person or object tending to penetrate into a danger zone, such as the nip of two cylinders in a printing machine or a machine tool. A third contact can be provided to be engaged by the second contact when the latter is disengaged from the fixed contact.

IPC 1-7  
**H01H 3/16**; **H01H 25/00**

IPC 8 full level  
**H01H 25/04** (2006.01); **H01H 3/16** (2006.01); **H01H 25/00** (2006.01)

CPC (source: EP US)  
**H01H 3/16** (2013.01 - EP US); **H01H 3/168** (2013.01 - EP US)

Cited by  
DE10054677A1; WO9814971A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI NL SE

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**EP 0249810 A2 19871223**; **EP 0249810 A3 19891004**; **EP 0249810 B1 19920805**; AT E79198 T1 19920815; CH 671480 A5 19890831; DE 3780873 D1 19920910; JP S634517 A 19880109; US 4785146 A 19881115

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