

Title (en)  
ELECTRICAL CONSTRUCTION ELEMENT

Publication  
**EP 0349760 A3 19910116 (DE)**

Application  
**EP 89109827 A 19890531**

Priority  
DE 3823184 A 19880708

Abstract (en)  
[origin: US4972165A] An electrical structural component including a relay and connection contacts for connecting electrical components of the relay with respective electrical conductors of a switching or energizing circuit and at least one operating circuit, is equipped with a connector mounting plate that can be inserted into a relay housing. Connector bushings and securing or locking elements which may be part of the bushings, for the mounting and fixation of contact pins are arranged in the connector mounting plate. The connector bushings are constructed as carriers for the spring contacts operated in the relay and simultaneously as connector arms for the fixed contacts. The contact pins are connected to respective conductors.

IPC 1-7  
**H01H 50/14**

IPC 8 full level  
**H01H 50/14** (2006.01)

CPC (source: EP US)  
**H01H 50/14** (2013.01 - EP US)

Citation (search report)  
• [X] FR 2161388 A5 19730706 - ALPES FSES MANUFACTURE  
• [A] FR 1309744 A 19621116 - PLESSEY CO LTD  
• [A] FR 2541507 A1 19840824 - STRIBEL GMBH [DE]  
• [A] GB 1022991 A 19660316 - SPERRY GYROSCOPE CO LTD, et al

Cited by  
EP1143475A1; US5907204A; EP0800193A3

Designated contracting state (EPC)  
FR GB

DOCDB simple family (publication)  
**EP 0349760 A2 19900110; EP 0349760 A3 19910116; DE 3823184 A1 19900111; US 4972165 A 19901120**

DOCDB simple family (application)  
**EP 89109827 A 19890531; DE 3823184 A 19880708; US 37661189 A 19890707**