

Title (en)  
ELECTROMECHANICAL CONNECTION DEVICE

Title (de)  
ELEKTROMECHANISCHE VERBINDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONNEXION ELECTROMECHANIQUE

Publication  
**EP 0819326 B1 19990414 (DE)**

Application  
**EP 95926924 A 19950718**

Priority  
• DE 19512335 A 19950401  
• EP 9502811 W 19950718

Abstract (en)  
[origin: US5829987A] PCT No. PCT/EP95/02811 Sec. 371 Date Sep. 29, 1997 Sec. 102(e) Date Sep. 29, 1997 PCT Filed Jul. 18, 1995 PCT Pub. No. WO96/31923 PCT Pub. Date Oct. 10, 1996The invention concerns an electromechanical connection device comprising a switching device which can be connected to a current source via power supply contacts and comprises switching magnets. A tripping device, provided with tripping magnets, can be connected to the switching device. Switching magnets are thus moved from a rest position, against a restraining force, into an operating position, the contact between pairs of contacts and hence the electrical connection between the switching device and the tripping device being established. The switching magnets and the tripping magnets are provided with a special code. A plurality of switching magnets in the outer peripheral area of an operating slide are disposed as segments at a distance from one another. An identical number of tripping magnets with opposite polarity are likewise arranged as segments in the same peripheral area as the switching magnets in the tripping device.

IPC 1-7  
**H01R 13/703**; **H01R 13/44**; **H01H 36/00**

IPC 8 full level  
**H01H 36/00** (2006.01); **H01R 13/44** (2006.01); **H01R 13/703** (2006.01); **H01R 13/648** (2006.01)

CPC (source: EP US)  
**H01R 13/7037** (2013.01 - EP US); **H01R 13/6205** (2013.01 - EP US); **H01R 13/648** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 5829987 A 19981103**; AT E179029 T1 19990415; AU 3113395 A 19961023; CN 1155144 C 20040623; CN 1185237 A 19980617; DE 19512335 C1 19960829; DE 59505678 D1 19990520; EP 0819326 A1 19980121; EP 0819326 B1 19990414; JP 3442395 B2 20030902; JP H11509957 A 19990831; RU 2157031 C2 20000927; TR 199501257 A2 19961121; WO 9631923 A1 19961010

DOCDB simple family (application)  
**US 87582897 A 19970929**; AT 95926924 T 19950718; AU 3113395 A 19950718; CN 95197860 A 19950718; DE 19512335 A 19950401; DE 59505678 T 19950718; EP 9502811 W 19950718; EP 95926924 A 19950718; JP 52990196 A 19950718; RU 97118141 A 19950718; TR 9501257 A 19951012