

Title (en)  
ELECTROMECHANICAL CONNECTOR

Title (de)  
ELEKTROMECHANISCHE VERBINDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONNEXION ELECTROMECHANIQUE

Publication  
**EP 0906643 A1 19990407 (DE)**

Application  
**EP 97929250 A 19970621**

Priority  
• DE 29610996 U 19960622  
• EP 9703262 W 19970621

Abstract (en)  
[origin: WO9750152A1] The electromechanical connector proposed has a switch and an actuator. The switch can be connected by means of contacts to a power supply and has switching magnets with encoded magnetic elements mounted on a carriage. It is fitted in a housing as an enclosed unit. The actuator has actuation magnets with encoded magnetic elements and can be connected to a consumer. The switch can be connected to the actuator, connecting these two devices causing the switching magnets to move, against a restraining force, from an inoperative position to an operating position. The electrical connection between the switch and the actuator is thus established by means of contacts. The ends of the switch and actuator facing each other are fitted with alignment devices designed so that electrical contact between the switch and the actuator can only be made when the contacts are in a particular position with respect to each other.

IPC 1-7  
**H01R 13/62**; **H01R 13/703**; **H01R 13/64**

IPC 8 full level  
**H01R 13/62** (2006.01); **H01R 13/64** (2006.01); **H01R 13/703** (2006.01)

CPC (source: EP US)  
**H01R 13/6205** (2013.01 - EP US); **H01R 13/64** (2013.01 - EP US)

Citation (search report)  
See references of WO 9750152A1

Cited by  
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Designated contracting state (EPC)  
DE ES FR GB IT DE ES FR GB IT

DOCDB simple family (publication)  
**DE 29610996 U1 19960912**; AU 3342597 A 19980114; DE 59701522 D1 20000531; EP 0906643 A1 19990407; EP 0906643 B1 20000426; ES 2147675 T3 20000916; US 6966781 B1 20051122; WO 9750152 A1 19971231

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**DE 29610996 U 19960622**; AU 3342597 A 19970621; DE 59701522 T 19970621; EP 9703262 W 19970621; EP 97929250 A 19970621; ES 97929250 T 19970621; US 21403499 A 19990617