

Title (en)

Electrical connector

Title (de)

Elektrischer Verbinder

Title (fr)

Connecteur électrique

Publication

EP 1054484 A1 20001122 (EN)

Application

EP 00304177 A 20000517

Priority

- GB 9911457 A 19990517
- GB 0000085 A 20000105

Abstract (en)

An electrical connector comprises a plug part 2 of rotationally symmetric cross-section and generally cylindrical form, and a socket part 3 adapted to receive the plug part and to allow it to rotate about its axis. The socket part includes at least one electrical contact 20,22 adapted to bear continuously against the plug part as the latter rotates, while the plug part includes an extension member 42 adapted for attachment to a motor in order to perform the said rotation. The socket part has an aperture allowing access to the said attachment means of the plug part, in particular to fix the motor. The connector can be used in suspended ceilings to support rotating illuminated signs. <IMAGE>

IPC 1-7

H01R 39/64; **H01R 13/646**

IPC 8 full level

H01R 13/646 (2011.01); **H01R 39/64** (2006.01)

CPC (source: EP)

H01R 24/58 (2013.01); **H01R 39/64** (2013.01)

Citation (search report)

- [A] US 4691087 A 19870901 - LEE HEE J [KR]
- [A] US 4593162 A 19860603 - ROCHETTE GERARD [FR]
- [A] US 4725239 A 19880216 - SHICHIDA AKIHITO [JP]
- [A] US 4496208 A 19850129 - SPINNER GEORG [DE], et al
- [AD] US 4746302 A 19880524 - BROWN CHARLES E [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1054484 A1 20001122

DOCDB simple family (application)

EP 00304177 A 20000517