

Title (en)

Add-on electrical assembly with light transmission means

Title (de)

Elektrische Zusatzbaugruppe mit Licht-Übertragungsmitteln

Title (fr)

Assemblage électrique additionnel avec des moyens de transmission lumineuse

Publication

EP 0963007 B1 20020123 (EN)

Application

EP 98121321 A 19981109

Priority

- EP 98121321 A 19981109
- EP 98109972 A 19980602
- US 31080599 A 19990512

Abstract (en)

[origin: EP0963007A1] An add-on electrical assembly is provided for association with an electrical connector for receiving a complementary mating plug to a circuit board. The electrical connector may be a standard modular jack (12) including a connector housing (16) having a front face (18) with a receptacle (20) receiving the plug, a top wall (22), a rear wall (24) and a bottom face (26) adapted for mounting on the circuit board. A plurality of terminals each include one end extending into the receptacle for making electrical contact with a corresponding terminal on the plug and the other end (38) adapted to contact the circuit board. A separate LED assembly 10 is provided with housing (40) for mounting over the top and rear walls (22,24) of the connector housing. A light emitting device (46) is mounted on the LED housing (40) and is viewable through a front face (42a) thereof adjacent the receptacle (20). Conductors (50) extend from the light emitting device (46) through the LED housing (40) for connection to the circuit board. At least one snap latch (60,76,74,78) is provided between the LED housing and the connector housing. <IMAGE>

IPC 1-7

H01R 3/00; **H01R 13/66**; **H01R 13/717**

IPC 8 full level

H01R 13/717 (2006.01)

CPC (source: EP)

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Cited by

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