

Title (en)
TESTING DEVICE FOR AN ELECTRICAL CONNECTOR

Title (de)
PRÜFGERÄT FÜR EINEN ELEKTRISCHEN STECKER

Title (fr)
DISPOSITIF D'ESSAI DE CONNECTEUR ELECTRIQUE

Publication
EP 1206706 A1 20020522 (EN)

Application
EP 00971043 A 20000824

Priority
• US 0040735 W 20000824
• US 38272499 A 19990825

Abstract (en)
[origin: WO0114896A1] A testing device (30) includes a connector block (32), a pin block (34), a slide block (36), a slide gate (38), a key plate (40), an insertion assembly (42), a latching assembly (44), a release assembly (46), and cover plates (48, 50). The testing device (30) accepts an electrical connector (130) retained by the slide gate (38). The removable key plate (40) provides the testing device (30) with a polarity. The testing device (30) can send electrical signals to a remote logic analyzer by switches (184, 186, 294). The insertion assembly (42) moves the slide block (36) and the pin block (34) into a wire assembly diagnostic position. The latching assembly (44) latches the testing device (30) in the wire diagnostic mode. The testing device (30) inspects the electrical connector (130) for fully-locked and properly-located wire assemblies and closed secondary locks. The release assembly (46) provides connector removal assistance, and the testing device (30) re-stages to accept another electrical connector (130).

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