

Title (en)
ELECTRIC CONNECTOR

Publication
EP 0292394 B1 19911023 (FR)

Application
EP 88401219 A 19880519

Priority
FR 8707234 A 19870522

Abstract (en)
[origin: US4842541A] A female electrical connector and a male electrical connector. The two connectors are designed to interconnect in a locking relationship. The female electrical connector is an insulative housing member, formed from two parts and a locking mechanism is provided for locking together the two parts. The first of the two parts has a plurality of parallel passages and a cylindrical female contact member retained at one end of each of the parallel passages. Each of the female contact members is attached at one end to an electrical conductor and is provided with a collar proximate the other end. A resilient tang having at least one projection is provided for cooperation with the collar. A latching mechanism is provided for holding the two insulative housing members together. The second part of the female insulative housing member has a body section which is adapted to receive the first part of the female housing member. The body has a back wall with holes aligned with the parallel passages. Either the female or the electrical connector can be provided with a skirt for receiving the other member. A male contact member is retained in each of the passages and is attached to an electrical conductor. A locking mechanism is provided for holding together the first and second parts of the male member. Passages are located in the first part of the male insulative housing member have holes adapted for passage of the cylindrical members and for cooperation with one end of a collet on the male contact member. Resilient tangs cooperate with the other end of the collet. The second part of the male member can be provided with a skirt adapted to receive the first part member of the male member.

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