

Title (en)
Electric connector.

Title (de)
Elektrische Verbindung.

Title (fr)
Connecteur électrique.

Publication
EP 0292394 A1 19881123 (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.

Abstract (fr)
Connecteur électrique formé de deux éléments de boîtier contenant, l'un des organes mâles et l'autre des organes femelles correspondant, caractérisé en ce que l'élément de boîtier destiné à contenir les organes de connexion femelles (3) est formé de deux parties (1 et 2) destinées à être assemblées et dont l'une comporte des saillies (33) destinées à coopérer avec les collerettes (51) dans un organe femelle, tandis que l'autre élément de boîtier est formé de deux parties (4 et 5) dont l'une comporte des saillies (66) destinées à coopérer avec un collet (78) formé sur l'organe mâle.

IPC 1-7
H01R 13/627

IPC 8 full level
H01R 13/627 (2006.01)

CPC (source: EP US)
H01R 13/627 (2013.01 - EP US)

Citation (search report)

- [A] FR 2377715 A1 19780811 - SEIMA [FR]
- [A] US 4127314 A 19781128 - HASIMOTO SUSUMU
- [A] GB 2004424 A 19790328 - NORTH AMERICAN SPECIALITIES

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DE ES GB IT SE

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EP 0292394 A1 19881123; EP 0292394 B1 19911023; DE 3865733 D1 19911128; ES 2027392 T3 19920601; FR 2615664 A1 19881125; FR 2615664 B1 19890713; US 4842541 A 19890627

DOCDB simple family (application)
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