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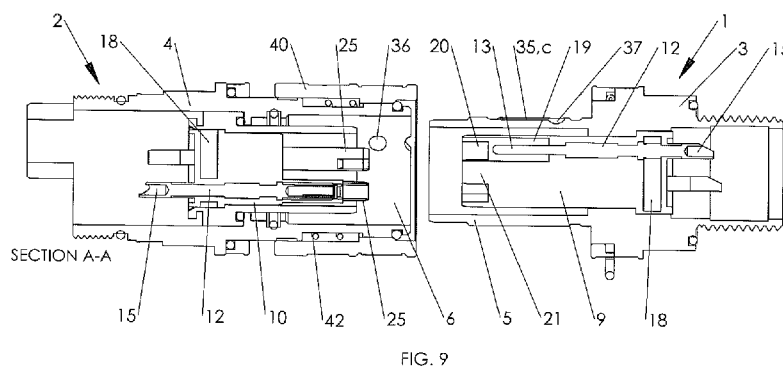
(54) **Title:** CONNECTOR

FIG. 9

(57) **Abstract:** A connector for interconnecting or mutually isolating two or more electrical circuits, comprises first and second interengageable connector parts(1,2). A first part (1) comprises a spigot (5) extending along an axis and first contact pins (12) for connection to a respective electrical circuit. The second connector part (2) comprises a socket (6) into which the spigot is to be inserted and second contact pins (12) for connection to a respective electrical circuit. The second part has a lock ball (36) projecting radially into the socket. The first part defines at least one groove (35) for receipt of the lock ball. A first contact holder (9) of electrically insulating material carries the first contact pins. A second contact holder (10) of electrically insulating material carries the second contact pins. The first contact holder has a first shroud (16) disposed around the first contact pins. The first shroud extends axially beyond the first contact pins. The second contact holder has second shrouds (25) disposed around the each second contact pin. The second shrouds extend axially beyond the second contact pins. The contact holders are arranged such that when the spigot is received in the socket, the connector parts are moveable between a first axial position in which one of the first and second shrouds is received within the other of the first and second shrouds but the first and second contacts are axially separated and a second axial position in which one of the first and second shrouds is received within the other and the first and second contacts are engaged.