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(54) Title: **CONNECTION DEVICE FOR SWITCHING ELECTRICAL SIGNALS**

(57) Abstract

A connection device (1) for switching electrical signals, comprising: (a) primary offtakes (A1, A2, A3, A4) with multiple contacts, with at least one pair of conductors carrying an incoming signal leading to each of these; (b) a multiple incoming plug or point (C1) fitted with an equivalent number of contact terminals to the aforesaid conductors carrying a signal, which are connected to the said terminals; (c) a multiple outgoing plug or point (C12) connected to the incoming multiple plug or point (C1); (d) the same number of outgoing conductors as there are contact terminals on the said outgoing plug or point (C12) forming pairs each carrying an outgoing signal; (e) secondary offtakes with multiple contacts (A12, A22, A32, A42), with at least one pair of outgoing conductors carrying an outgoing signal leading to each of these, also comprising a means (SW1, SW2, SW3, SW4, SW12, SW22, SW32, SW42, T1, Q1) of selective, reversible connection of pairs of terminals on the incoming plug or point (C1) to pairs of terminals on the primary offtakes (A1, A2, A3, A4) and pairs of terminals on the outgoing plug or point (C12) with pairs of contacts on the secondary offtakes (A12, A22, A32, A42).

