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Freakes**

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(54) **TERMINAL BLOCKS FOR PRINTED
CIRCUIT BOARDS**

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(58) **Field of Classification Search**
CPC **H01R 4/2433**
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See application file for complete search history.

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(57) **ABSTRACT**

A screwless terminal block and insulation displacement con-
nector device includes a housing and slide slidably engaged in
the housing, the device operable to receive a lead wire having
lead wire conductors and an insulation layer, and to further
receive a conductive connector. Movement of the slide to a
closed position with a lead wire inserted in the device causes
the lead wire to contact sharp connector edges, which, with
continued downward force, cut the insulation layer. Contin-
ued downward force, to full closure of the device, forces lead
wire conductors into compressed multiple electrical contact
with the connector.

9 Claims, 10 Drawing Sheets

