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**Freakes**

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(54) **INSULATION DISPLACEMENT CONNECTOR**

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(52) **U.S. Cl.** ..... **439/877**; 439/403; 439/396

(58) **Field of Classification Search** ..... 439/877,  
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See application file for complete search history.

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(57) **ABSTRACT**

An insulation displacement connector having two deformable tangs forming a receiving pocket in which a wire may be placed, the deformable tangs adapted to be curled around the wire to create a secure connection that is resistant to disconnection by movement. Also disclosed is a method for creating the secure connection. A solenoid assembly that employs the disclosed insulation displacement connector that reduces the risk of a disconnection is also described. Also disclosed is a device that secures wires to the disclosed insulation displacement connector.

**16 Claims, 31 Drawing Sheets**

