Title (en)

A PIN RECEIVING TERMINAL FOR MAKING AN ELECTRICAL CONNECTION AND ELECTRICAL CONNECTOR USING SUCH A TERMINAL

Publication

EP 0303529 B1 19901003 (FR)

Application

EP 88401994 A 19880729

Priority

FR 8711596 A 19870814

Abstract (en)

[origin: JPS6471086A] PURPOSE: To prevent the instantaneous interruption of the electrical information signal by arranging at least three elastic tongue pieces forming an opening for forcibly inserting the stem section of a shaft in the peripheral direction of a jack at different circular arc lengths. CONSTITUTION: A metal shaft 1 is provided with a tubular section 3 inserting and connecting the noninsulating end section of an electric wire and a stem section 4 extended from its end. A jack 2 is provided with a tubular section 6 for inserting and connecting the noninsulating end section of the electric wire and a cylinder section 7 extended from its end, and three elastic tongue pieces 8a-8c having the same length are integrally arranged at the end of the cylinder section 7. Since the elastic tongue pieces 8a-8c are arranged in the peripheral direction of the jack 2 to have different circular arc lengths respectively, the elastic tongue pieces 8a-8c have inherent resonance frequency values. When vibration is applied to the jack 2 and it coincides with one resonance frequency of three elastic tongue pieces 8a-8c, the other two elastic tongue pieces have different resonance frequencies, and the electrical connection to the stem section 4 of the shaft 1 can be maintained.

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