

Title (en)
ELECTRICAL CONNECTOR

Title (de)
ELEKTRISCHER STECKVERBINDER

Title (fr)
CONNECTEUR ÉLECTRIQUE

Publication
EP 3076484 A1 20161005 (EN)

Application
EP 16156527 A 20160219

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Abstract (en)
The present invention discloses an electrical connector including: a housing; an insulating body received within the housing; and a plurality of first conductive terminals held in the insulating body. A plurality of first receiving slots are formed in an outer circumference surface of a base portion of the insulating body and spaced from each other around the outer circumference surface of the insulating body so that the base portion of the insulating body is in the form of a spline provided with a plurality of teeth; a plurality of first through-holes are formed in the insulating body, extend in an axial direction of the insulating body, and communicated with the plurality of first receiving slots, respectively; and each first conductive terminals comprises a seat fitted in the first receiving slot and a pin inserted into the first through-hole. The first receiving slots are formed in the base portion of the insulating body, thereby decreasing the material usage for manufacture of the insulating body and in turn reducing the manufacturing cost thereof. Besides, the thickness across the insulating body is thus relatively uniform, increasing the molding accuracy thereof.

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