

Title (en)
PLUG CONNECTOR FOR A STAR QUAD CABLE

Title (de)
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Title (fr)
CONNECTEUR ENFICHABLE POUR CÂBLE À QUARTES EN ÉTOILE

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Application
EP 09752110 A 20091029

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Abstract (en)
[origin: CA2739750A1] The invention relates to a plug connector for a cable (11) having at least two signal conductors (10), in particular four signal conductors (10), in particular for a star quad cable (11), having a signal conductor part and an insulating part (14) which holds the signal conductor part, wherein the plug connector has a plugging-side end (18) for plug-connection to a complementary plug connector, and a cable-side end (20) for electrical and mechanical connection to the cable (11). According to the invention, the signal conductor part has a spring lug (12) for each signal conductor (10), which spring lugs are each electrically and mechanically connected to a signal conductor (10), wherein the insulating part (14) has an axial hole (16) for each spring lug (12) and a spring lug (12) passes through each of said axial holes, wherein the holes (16) are arranged and formed in such a way that the holes (16) hold the spring lugs (12) at a physical distance from one another, this distance corresponding to the distance of the signal conductors (10) in relation to one another in the cable (11), wherein the spring lugs (12) are formed in such a way that they are longer than the insulating part (14) in the axial direction, wherein the spring lugs (12) project beyond the insulating part (14) at the plugging-side end (18) and are bent over in such a way that the respective bent-over portions (22) of the spring lugs (12) run from the plugging-side end (18) in the direction of the cable-side end (20) on an outer face of the insulating part (14) and can be resiliently elastically deformed in the radial direction.

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