

Title (en)
CONNECTOR ASSEMBLY

Title (de)
STECKVERBINDERANORDNUNG

Title (fr)
SYSTÈME DE CONNECTEUR À FICHES

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Application
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Abstract (en)
[origin: WO2018082827A1] The invention relates to an electrical connector assembly, comprising an electrical connector and a cable connected to the electrical connector, which each have at least one conductor pair for transferring a differential signal, wherein the cable has a first section and the electrical connector has a second section, in which second section the conductor pair has plug contacts, and wherein the conductors have a first mutual distance (X) in the first section and a second mutual distance (Y) in the second section, which second mutual distance is greater than the first distance, wherein an intermediate section, in which the distance of the conductors of a conductor pair increases toward a plugging end of the electrical connector, is formed between the first section and the second section, wherein the conductor pair is surrounded by a conductor pair shield in the first section and/or in the second section, which conductor pair shield shields the conductor pair from external electromagnetic influences, and wherein the conductors are surrounded by a conductor shield in at least part of the intermediate section, which conductor shield shields the conductors from external electromagnetic influences and from electromagnetic influences of the other conductor. The invention further relates to a method for signal transfer.

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DE 202015000753 U1 20150216 - ROSENBERGER HOCHFREQUENZTECH [DE]

Cited by
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