

Title (en)
BRINGING A CABLE INTO CONTACT WITH A FLEXIBLE STRIP CONDUCTOR

Title (de)
KONTAKTIERUNG EINES KABELS AN EINER FLEXIBLEN LEITERBAHN

Title (fr)
MISE EN CONTACT D'UN CABLE SUR UN TRACE CONDUCTEUR FLEXIBLE

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Application
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Abstract (en)
[origin: WO2006042783A1] The invention relates to a cable (10) for bringing into contact with a contact point (22) of a flexible strip conductor (20), to a contact strip (14) for one or more cables (10) of this type, and to a system for bringing control electronics, which are situated on a flexible printed circuit board (20), into contact with at least one electrical and/or electronic component, particularly for mechatronic transmission or engine controllers of a motor vehicle. To this end, the invention provides that a special contact (12) with a welding boss (13) is placed at the end (11) of a cable (10). A bundle of cables (10) of this type is fixed in a defined position by means of a contact strip (14). The invention enables, for the first time, one or more cables (10) to be directly brought into contact with the contact point(s) (22) of a flexible strip conductor (20). This advantageously eliminates additional contact points and parts such as mating connectors, etc. whereby leading to a distinct improvement in quality and reduction in costs. The invention is particularly suited for use in contacting systems in mechatronic transmission or engine controllers, etc. of a motor vehicle.

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