

**CONNECTOR FOR ELECTRICALLY COUPLING TWO CURRENT CONTACT
LINE SEGMENTS IN END-TO-END RELATIONSHIP**

ABSTRACT OF THE DISCLOSURE

A connector for coupling two contact line segments positioned in end-to-end alignment and made of elongate plastic profiles for accommodating current conductor rails which cooperate with a current collector vehicle traveling inside the contact line segments, includes a coupling sleeve made of plastic material for positively enveloping the contact line segments in an area of their confronting ends, with the ends of the contact line segments being freely shiftable in a longitudinal direction within a predetermined range. The coupling sleeve is split in a direction transversely to the longitudinal direction so as to define two sleeve members which are detachably connected to one another, wherein one of the sleeve members can be placed on one of the confronting ends of the contact line segments and the other one of the sleeve members can be placed on the other one of the confronting ends of the contact line segments, before the contact line segments are joined.

Fig. 1