

INLET POWER FEED FOR LONGITUDINALLY SLOTTED CURRENT
CONTACT LINES

1 ABSTRACT OF THE DISCLOSURE

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3 An inlet power feed for longitudinally slotted current contact lines having
4 conductor rails disposed in a longitudinal direction inside an elongated plastic profile,
5 includes a cover defining an inlet feed region and electrically insulating the inlet feed
6 region to the outside, with the cover receiving a power supply cable which terminates at
7 a location above the elongate plastic profile. The power supply cable includes a plurality
8 of cores for connection to a plurality of conductor rails in one-to-one correspondence.
9 Electrically connecting the cores of the cable to the conductor rails are a plurality of flat
10 junction bars, each of the junction bars connecting one core of the cable to one
11 conductor rail and having a flat side which confronts an outer side wall of the elongate
12 plastic profile and, at least partially, bears in flat engagement on the outer side wall, with
13 the junction bar extending inside the cover from the conductor rail vertically upwards into
14 the area above the elongate plastic profile.

Fig.1

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