

DATA TRANSMISSION DEVICE AND DEVICE FOR
CONDUCTIVE TRANSMISSION OF ELECTRICAL ENERGY

ABSTRACT

Data transmission device having elongate hollow profile with cavity running in longitudinal direction of hollow profile and longitudinal slot running in longitudinal direction and a transceiver unit, and device for conducting electrical energy between charging station and consumer which can move with respect to charging station. The device has charging head with contact elements for electrical connection between consumer and charging station. Low maintenance, simple, safe and reliable transmission of data, which is low or free from interference, between charging station and consumer, by virtue of the fact that the hollow profile and/or the transceiver unit can move with respect to one another in order to retract and extend the transceiver unit from and into the longitudinal slot of the hollow profile in at least one deployment direction by means of a deployment device, and by a device as mentioned above with such a data transmission device.

Figure 1