

Abstract

The invention relates to a fast charging system (10) for electrically driven vehicles, in particular electric busses or the like, and a method
5 for forming an electrically conductive connection between a vehicle and a stationary charging station, the fast charging system (10) having a contact device (11), a charging contact device (12) and a positioning device (15), said contact device or said charging contact device being disposeable on a vehicle, said charging contact device being electrically
10 contacted using the contact device when in a contact position, said contact device being positioned in a longitudinal and/or transverse direction with respect to the charging contact device as well as being moved to the contact position by means of the positioning device, said charging contact device comprising a charging-contact-element carrier
15 having charging contact elements, said charging contact elements each forming a strip-shaped charging contact surface, said contact device comprising a contact element carrier (14) having contact elements, said contact elements each forming a contact surface which is smaller than the charging contact surfaces, said contact elements being electrically
20 contacted with the charging contact elements for forming contact pairs in each instance when in the contact position, the charging contact surfaces and the contact surfaces being disposed such in the longitudinal direction with respect to each other that a respective physical contact between the charging contact surfaces and the contact surfaces is formed in a
25 defined order at respective longitudinal ends of the charging contact surfaces.

(Fig. 1)