

Title (en)  
STATIONARY CHARGING ARRANGEMENT AND METHOD FOR CHARGING

Title (de)  
STATIONÄRE LADEANORDNUNG UND VERFAHREN ZUM LADEN

Title (fr)  
AGENCEMENT DE CHARGE STATIQUE ET PROCÉDÉ DE CHARGE

Publication  
**EP 4031400 A1 20220727 (EN)**

Application  
**EP 19945434 A 20190916**

Priority  
CN 2019105944 W 20190916

Abstract (en)  
[origin: WO2021051233A1] A stationary charging arrangement for charging a battery or a set of batteries of an electrically propellable road vehicle while the vehicle is stationary. The arrangement comprises a rail element having at least one electric conductor extending in a lengthwise direction thereof, and a current collector adapted to co-act with the rail element, the electric conductor being arranged in at least one groove in the rail element and being adapted to be put under voltage, the current collector being connectable to the vehicle and being displaceable vertically and laterally to connect mechanically and electrically with the at least one electric conductor of the rail element for supplying electric power the vehicle. The rail element is adapted to be located in or on a parking lot on which the vehicle is parked. A system comprising such a charging arrangement and a corresponding method are also provided.

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