ABSTRACT

BATTERY CHARGING BASE AND RECHARGING METHOD IMPLEMENTING SUCH A BASE

The invention relates to a recharging assembly comprising a mobile vehicle and a recharging base (200) of a form complementing the mobile vehicle and capable of receiving the mobile vehicle and intended to recharge a battery of a mobile vehicle comprising at least one wheel (50, 51, 52), the base (200) being able to be connected to an electrical source, characterized in that the base (200) comprises:

- a reception surface (210) and a baseplate plane (220) intended to be placed on a reference plane (230), the reception surface (210) and the baseplate plane (220) of the base (200) forming an acute angle (240),
- a hemispherical cavity (250) hollowed out in the reception surface (210) and intended to receive the at least one wheel (50, 51, 52),
- at least one electrical connector (260) arranged so as to allow the connection of the base (200) with the battery when the at least one wheel (50, 51, 52) is lowered into the hemispherical cavity (250).

The invention also relates to a recharging method implementing a recharging assembly according to the invention.

Figure to be published: Fig. 4