

Title (en)
PANTOGRAPH FOR AN ELECTRICALLY DRIVABLE MOTOR VEHICLE

Title (de)
PANTOGRAF FÜR EIN ELEKTRISCH ANTREIBBARES KRAFTFAHRZEUG

Title (fr)
PANTOGRAPHE POUR VÉHICULE À MOTEUR ÉLECTRIQUE

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Application
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Abstract (en)
[origin: WO2023020769A1] The invention relates to a pantograph (12) for an electrically drivable motor vehicle (10), in particular an overhead line hybrid truck (10), having at least one pantograph main frame (100) and an arm construction (200) which can be moved up and down. The pantograph (12) can be fastened by means of the pantograph main frame (100) to a motor vehicle (10), and the motor vehicle (10) can be supplied with electrical power depending on a position of the arm construction (200), the pantograph main frame (100) being galvanically couplable to a chassis (11) of the motor vehicle (10), and a galvanic isolation from a traction voltage potential taking place remotely from the pantograph main frame (100) in the pantograph (12) itself.

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