

Title (en)
DIP COATING SYSTEM

Title (de)
TAUCHBEHANDLUNGSANLAGE

Title (fr)
INSTALLATION DE TRAITEMENT PAR IMMERSION

Publication
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Application
EP 11752471 A 20110818

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Abstract (en)
[origin: WO2012031675A1] The invention relates to a dip coating system in which the objects which are to be treated, in particular vehicle bodies, are transported by means of at least one conveyor carriage (1) to the dipping tanks which can be filled with a treatment liquid, are dipped therein, and then withdrawn and can be conveyed away from the dipping tanks. Said conveyor carriage (1) can be guided along a rail (6) and comprises a drive carriage (2) which can be driven by a motor along the rail (6), and a securing device (12) to which at least one object can be secured and which can be rotated about a rotational axis (18). A connection device (11) joins the drive carriage (2) to the securing device (12). One of the two ends of the rotational axis (18) can be mounted on the connection device (11) such that the rotational axis (18) can be displaced in the vertical direction freely overhanging together with the connection device (12). Said connection device comprises a drive device which can rotate the rotational axis (18). Said rotational axis (18) and drive device are joined by a planetary gearing (23).

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B05C 13/02 (2013.01 - US); **B65G 49/0459** (2013.01 - EP US); **B65G 2201/0294** (2013.01 - EP US)

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