

Title (en)
DEVICE AND METHOD FOR ELECTROCHEMICALLY COATING A WORK PIECE

Title (de)
VORRICHTUNG SOWIE VERFAHREN ZUM ELEKTROCHEMISCHEN BESCHICHTEN EINES WERKSTÜCKS

Title (fr)
DISPOSITIF ET PROCÉDÉ DE REVÊTEMENT ÉLECTROCHIMIQUE D'UNE PIÈCE

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Abstract (en)
[origin: WO2010052246A2] The invention relates to a device (1, 101, 201) for electrochemically coating a work piece (22), comprising a coating reservoir (2, 102, 202) with a feed opening (5) and comprising a supply reservoir (3, 103, 203), wherein the two reservoirs are connected by way of a penetration opening (4, 104, 204). The device comprises at least one electrode (11) and one opposite electrode (14). In order to prevent contamination of a coating fluid (20, 120, 220) during an electrochemical deposition process, the device can be moved between a coating position and a rest position by rotating the supply and the coating reservoirs about at least one common axis (A, A', A'') so that the center of gravity of the volume of the coating reservoir (2, 102, 202) in the coating position is lower relative to the center of gravity of the volume of the supply reservoir (3, 103, 203) than in the rest position. The invention further relates to a method for coating work pieces.

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US 4392936 A 19830712 - STOEGER KLAUS [DE], et al

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