

Title (en)

DEVICE AND METHOD FOR COATING A COMPONENT OR SEMI-FINISHED PRODUCT WITH A CHROMIUM LAYER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BESCHICHTEN EINES BAUTEILS ODER HALBZEUGS MIT EINER CHROMSCHICHT

Title (fr)

DISPOSITIF ET PROCÉDÉ DE REVÊTEMENT D'UN COMPOSANT OU D'UN PRODUIT SEMI-FINI AVEC UNE COUCHE DE CHROME

Publication

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Application

EP 22725776 A 20220426

Priority

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- EP 2022061036 W 20220426

Abstract (en)

[origin: WO2022229175A1] The invention relates to a device for coating a component or semi-finished product with a chromium layer, the device comprising an undivided deposition cell, in which there is an anode and which is suitable for receiving a cathodically connected component, wherein: there is an electrolyte solution containing chromium(II) in the deposition cell; the device has an electrolytic cell, which is divided by a membrane disposed in the electrolytic cell into a cathode chamber, in which there is a cathode, and an anode chamber, in which there is an anode; the cathode chamber is connected to the deposition cell by means of a line and a pump disposed in the line; the pump can pump liquid from the cathode chamber into the deposition cell and/or can pump liquid from the deposition cell into the cathode chamber.

IPC 8 full level

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Citation (search report)

See references of WO 2022229175A1

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