

Title (en)

ANODIZING DEVICE AND ANODIZING METHOD FOR TUBULAR BODIES

Title (de)

ELOXIERVORRICHTUNG UND ELOXIERVERFAHREN FÜR ROHRKÖRPER

Title (fr)

DISPOSITIF D'ANODISATION ET PROCÉDÉ D'ANODISATION DE CORPS TUBULAIRES

Publication

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Application

EP 13777031 A 20131014

Priority

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Abstract (en)

[origin: WO2014060333A1] The invention relates to an anodizing device for anodizing at least one internal surface element (22) of a metal tubular body (18) having an extension direction (24), comprising: an anodizing tank (10) for accommodating an electrolyte (16), which is in contact with the at least one surface element (22) of the tubular body (18) in at least one operating state, and an internal electrode (26; 28; 30; 32), which is at least partially surrounded by the tubular body (18) in a radial direction substantially perpendicular to the extension direction (24) in the operating state and is provided for connecting to an electric current source (12). According to the invention the anodizing device has a covering unit (38; 40; 42; 44; 46) provided for controlling a spatial distribution of an anodizing current, which covering unit is arranged continuously at least in some sections in the extension direction (24) and between the internal electrode (26; 28; 30; 32) and the at least one internal surface element (22) in the radial direction in the operating state.

IPC 8 full level

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