

Title (en)

METHOD FOR THE UNIFORM APPLICATION OF A COATING TO A TUBULAR WALL

Title (de)

VERFAHREN ZUM GLEICHMÄSSIGEN AUFTRAGEN EINER BESCHICHTUNG AUF EINER ROHRFÖRMIGEN WANDUNG

Title (fr)

PROCEDE D'APPLICATION UNIFORME D'UN REVETEMENT SUR UNE PAROI TUBULAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007082653A1] The invention relates to a method for the uniform application of a coating of reactive coating materials, preferably polyurethane components, to tubular walls (20), and also relates to a coating device and a composite tube produced by means thereof. In order to apply a uniform coating thickness, it is proposed according to the invention that the tubular wall (20) is supplied continuously into a coating device (1) in which coating materials are supplied to at least one distributing duct which opens towards the tubular wall (20) and merges in the direction of transport into a coating duct (14), wherein the coating materials flow into the distributing duct (12) without a dead volume and pass from there to the surface of the tubular wall (20) and are held in a tightly restricted space until solidification. This measure ensures that, taking into consideration the transport speed of the tubular wall (20) and the length of the coating duct, hardening of the coating materials has initiated before the tubular wall (20) exits the coating device (1), and therefore a very precisely maintained layer thickness is generated.

IPC 8 full level

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