

Title (en)

A METHOD FOR COATING AN INNER SURFACE OF A TUBE WITH A CUREABLE LAYER

Title (de)

VERFAHREN ZUM BESCHICHTEN EINER INNENFLÄCHE EINES ROHRS MIT EINER AUSHÄRTBAREN SCHICHT

Title (fr)

PROCEDE DE REVETEMENT D'UNE SURFACE INTERNE D'UN TUBE A COUCHE DURCISSABLE

Publication

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Application

**EP 04800354 A 20041118**

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Abstract (en)

[origin: WO2005049220A1] The present invention comprises a method for allowing to coat the inner surface (22a) or wall portion of a pipe (22) with a cured solid material layer (M5) as a lining upon the utilization of an arrangement (1) led axially through the interior of the pipe and having an appurtenant nozzle (1a), through which nozzle, by means of a rotatably arranged disc (2), viscous material portions (M3a) are thrown in order to allowing to form, on individual wall sections (22a'), a viscous layer (M4) of a plastic material or a reinforced plastic material, depending on the axially directed motion and the speed of the arrangement (1) and the nozzle (1a) through the interior of the pipe and the size of the pipe. Subsequent to the application against the wall portion, (22a') the plastic material (M4) is allowed to cure time-wise to said solid material layer (M5) as lining. The radius of the disc (2) to said edge or border (2b) and a circumferential speed (v) given to the disc (2) are adapted mutually so that the centrifugal force of a material portion (M3a) thrown out will have a theoretical value that falls between "m x 1 500" and "m x 80 000" N, where "m" intends to represent the mass of the material portion (M3a).

IPC 8 full level

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