

Title (en)

METHOD AND DEVICE FOR REFURBISHING THE LEAKY WALLS OF CONDUITS HAVING SMALL DIAMETERS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SANIEREN DER UNDICHTEN WÄNDE VON ROHRLEITUNGEN MIT KLEINEN DURCHMESSERN

Title (fr)

PROCEDE ET DISPOSITIF POUR RENOVER DES PAROIS NON ETANCHES DE CANALISATIONS DE FAIBLE DIAMETRE

Publication

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Application

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Abstract (en)

[origin: WO0118444A1] The invention relates to a method for refurbishing the leaky walls of horizontal, vertical or inclined conduits having small diameters up to a nominal diameter of approximately DN 200. Refurbishing is carried out by introducing a fibre tube that is impregnated with a UV-hardenable resin into the conduit. The tube is mounted, preferably under pressure, in such a way that said tube rests on the inner wall of the conduit. One or more UV-light sources are led through. UV-light is emitted from the light sources and onto the fibre tube, whereby the resin is hardened. An artificial resin, especially a styrene-free epoxy acrylate resin, that does not limit the functions of thermoplastic inner films is used for impregnating the fibre tube.

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