

Title (en)

TUBE SYSTEM FOR TRANSPORT OF FLUIDS THERMALLY ISOLATED FROM THE AMBIENT

Title (de)

THERMISCH ISOLIERTES ROHRSYSTEM ZUM FÖRDERN VON FLÜSSIGKEITEN

Title (fr)

SYSTEME DE TUBE SERVANT A TRANSPORTER DES FLUIDES ISOLES THERMIQUEMENT DU MILIEU AMBIANT

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Application

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Abstract (en)

[origin: WO9738258A1] The invention relates to a tube system for transporting fluids thermally insulated from the ambient, comprising: an inner casing (12) adapted to guide fluids, an insulating layer (3) arranged therearound, and an outer casing imparting strength to the tube system, wherein the inner casing is connected to the outer casing (4) at least for transferring longitudinal forces. The inner casing, which will of course fluctuate in temperature of the fluid flowing through the tube, will thus generate only small forces in longitudinal direction due to its small thickness. According to a preferred embodiment the insulating layer is fixed to the inner casing and the outer casing such that longitudinal forces exerted by the inner casing are transferred by the insulating layer to the outer casing.

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