

Title (en)
PRESSURE RESISTANT AND HEAT-STABLE INSULATING COATINGS FOR HOLLOW BODIES, AND A METHOD FOR PRODUCING THE SAME

Title (de)
DRUCKFESTE UND THERMOSTABILE ISOLIERBESCHICHTUNGEN FÜR HOHLKÖRPER UND EIN VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
REVETEMENTS ISOLANTS THERMOSTABLES ET RESISTANT A L'EPREUVE DE LA PRESSION POUR CORPS CREUX ET PROCEDE PERMETTANT DE LES PRODUIRE

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Abstract (en)
[origin: DE19730466A1] The invention relates to a method for producing insulating coatings for hollow bodies. Said insulating coatings have polyurethane and/or polyisocyanurate groups, and are produced by reacting a) one polyisocyanate component with b) at least two compounds with hydrogen atoms which are active towards isocyanates and c) catalysts, optionally in the presence of d) other auxiliary agents and additives. The inventive insulating coatings are characterised in that organic or mineral hollow microspheres with an average particle size of between 5 and 200 µm and a density of between 0.1 and 0.8 g/cm³ are added to at least one of the components a) to d). The invention also relates to the use of the inventive insulating coatings for pipes used in offshore applications.

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