

Title (en)
NOVEL COATING COMPOSITIONS FOR HIGH TEMPERATURE PIPES

Title (de)
BESCHICHTUNGSMASSE FÜR HOCHTEMPERATURLEITUNGEN

Title (fr)
COMPOSITIONS POUR NOUVEAUX REVETEMENTS POUR CONDUITES HAUTES TEMPERATURES

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Application
EP 03763916 A 20030702

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Abstract (en)
[origin: WO2004007612A1] The invention concerns a composition suitable for use as coating for a high temperature oil pipe, comprising at least one thermoplastic polymer selected from the group consisting of polyphenylenes ether or polysulphones, alone or mixed, at least one epoxy resin modified by at least one aromatic polyamine, said resin being formed from at least one polyepoxide containing in its molecule at least two epoxy groups and the aromatic polyamine containing in its molecule at least two primary amino groups, the polyamine/epoxide molar ratio being such that, to each amine group, there corresponds to 1.6 to 2.6 epoxy groups, and at least one filler preferably mineral having an anisometric morphology, preferably selected among the group consisting of silicates such as kaolin, and micaceous iron oxides.

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