

Title (en)

COATINGS COMPRISING POLYSILAZANES FOR PREVENTING SCALING AND CORROSION

Title (de)

POLYSILAZANE ENTHALTENDE BESCHICHTUNGEN ZUR VERMEIDUNG VON ZUNDERBILDUNG UND KORROSION

Title (fr)

REVETEMENT COMPRENANT UN POLYSILAZANE DESTINE A EVITER L'ENTARTRAGE ET LA CORROSION

Publication

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Application

EP 07703403 A 20070212

Priority

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Abstract (en)

[origin: US2009098300A1] A coating for surfaces, comprising at least one polysilazane of the formula 1 and/or of the formula 2 where n is an integer and is dimensioned such that the perhydropolysilazane has a number average molecular weight of 150 to 150 000 g/mol, a solvent and catalyst and, if appropriate, one or more cobinders, for preventing scaling and corrosion on metal surfaces. The hardened coating has a thickness of at least 0.2-10 micrometres, preferably 0.3 to 5 micrometres. It is particularly useful as a protective coating for metals for preventing scaling and corrosion.

IPC 8 full level

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CPC (source: EP KR US)

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