

Title (en)
SYSTEM FOR THE IN-LINE CHARACTERIZATION OF PRODUCTS OF CORROSION

Title (de)
SYSTEM ZUR INLINE-CHARAKTERISIERUNG VON PRODUKTEN MIT KORROSION

Title (fr)
SYSTEME DE CARACTERISATION EN LIGNE DE PRODUITS DE CORROSION

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Abstract (en)
[origin: WO2014111523A1] The present invention relates to a system (100) for characterizing products of corrosion which are present in a nuclear reactor cooling circuit, said characterization system having a pipe (20) connected to the reactor cooling circuit (1) through which the coolant flows, the system comprising at least two filtration means (13, 14, 15) in series, the downstream filtration means having a smaller pore size than the filtration means situated upstream, the filtration means (13, 14, 15) being able to have the cooling fluid passed through; differential-pressure sensors (16) associated with each of the filtration means make it possible to determine the extent to which each of the filtration means is plugged; a temperature-regulating means (22, 23) regulating the temperature of said liquid flowing through the pipe (20).

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