

Title (en)

INTERNALLY COATED REACTION VESSEL FOR USE IN EMULSION POLYMERIZATION OF OLEFINIC MONOMERS.

Title (de)

INNENBESCHICHTETE REAKTIONSKUFE ZUR VERWENDUNG BEI DER EMULSIONSPOLYMERISATION OLEFINISCHER MONOMERE.

Title (fr)

RECIPIENT DE REACTION RECOUVERT A L'INTERIEUR DESTINE A ETRE UTILISE DANS LA POLYMERISATION EN EMULSION DE MONOMERES D'OLEFINES.

Publication

**EP 0058169 A4 19821227 (EN)**

Application

**EP 81902171 A 19810724**

Priority

US 18071980 A 19800825

Abstract (en)

[origin: WO8200645A1] Polymerization reaction vessel having a thick coating on the inner surfaces thereof which is resistant to polymer buildup thereon. The coating results from applying to said surfaces an organic solvent solution containing an unneutralized condensation product comprised of (1) the self-condensation product of a polyhydric phenol, or (2) the condensation product of two or more polyhydric phenols, or (3) the self-condensation product of a polyhydric naphthol. When emulsion polymerizing olefinic monomers, such as vinyl halides, vinylidene halides, and vinylidene monomers having at least one terminal  $\text{CH}_2=\text{C} <$  group, and mixtures thereof, in the presence of said coating, polymer buildup on the inner surfaces of the reaction vessel is substantially eliminated.

IPC 1-7

**C08F 2/24**; **C08F 2/26**

IPC 8 full level

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