

Title (en)

Internally coated reaction vessel for use in olefinic polymerization.

Title (de)

Reaktionsgefäß mit einem Überzug der inneren Oberflächen für die Polymerisation von olefinischen Verbindungen.

Title (fr)

Réacteur à revêtement interne destiné à être utilisé pour des polymérisations oléfiniques.

Publication

**EP 0000166 A1 19790110 (EN)**

Application

**EP 78100189 A 19780619**

Priority

US 80795877 A 19770620

Abstract (en)

This invention relates to a polymerization reaction vessel having a coating on the inner surfaces thereof resulting from applying thereto a coating composition containing, as a primary ingredient, a water-soluble dye dissolved in water. When polymerizing olefinic monomers, such as vinyl halides, vinylidene halides, and vinylidene monomers having at least one terminal  $\text{CH}_2 = \text{C}<$  grouping, and mixtures thereof, in the presence of said coating, polymer buildup on the inner surfaces of the reaction vessel is substantially eliminated. Further, multiple charges or batches of polymer can be made in said internally coated reaction vessel without opening the same between charges thus preventing the escape of unreacted monomer to the atmosphere.

IPC 1-7

**C08F 2/00**; **C23F 15/00**

IPC 8 full level

**C08F 2/00** (2006.01)

CPC (source: EP)

**C08F 2/004** (2013.01)

Citation (search report)

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