

Title (en)

LOW DISPERSITY POLYMERS AS A RESULT OF NEAR INFRARED LIGHT INITIATION AND AN IRON CATALYST

Title (de)

POLYMERE MIT GERINGER DISPERSITÄT DURCH INITIIERUNG MIT NAHEM INFRAROTLICHT UND EINEM EISENKATALYSATOR

Title (fr)

POLYMÈRES À FAIBLE DISPERSITÉ OBTENUS PAR AMORÇAGE À LA LUMIÈRE INFRAROUGE PROCHE ET AU MOYEN D'UN CATALYSEUR AU FER

Publication

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Application

**EP 21843905 A 20211220**

Priority

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- EP 2021086839 W 20211220

Abstract (en)

[origin: WO2022136292A1] The invention relates to polymers that have a dispersity of less than 1.4 and that can be obtained by irradiating a mixture of radically polymerizable monomers, cyanins as sensitizers, iron(III) compounds, alkyl bromides, and optionally ATRP starters with the aid of an NIR source which emits light in the range of approximately 700 to approximately 1200 nm.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022136292A1

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