

Title (en)

METHOD FOR RECOVERING MIXED PLASTIC MATTER

Title (de)

VERFAHREN ZUM AUFBEREITEN EINES KUNSTSTOFFGEMISCHES

Title (fr)

PROCEDE POUR PREPARER UN MELANGE DE MATIERES PLASTIQUES

Publication

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Application

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Abstract (en)

[origin: WO0248244A1] The invention relates to a method for recovering mixed high-molecular polymer matter that is contaminated by low-molecular polymers and other foreign matter. The inventive method comprises the following steps: a) introducing the mixed plastic matter into an organic solvent in which at least one of the high-molecular polymers of the mixed plastic matter can be dissolved at a temperature specific of said polymer; b) maintaining the solvent at a normal pressure and at a working temperature at which none of the high-molecular polymers is dissolved, thereby adjusting a certain weight ratio of the mixed plastic matter to the solvent; c) extracting the low-molecular components during a predetermined dwelling time of the mixed plastic matter in the solvent; and optionally d) removing the purified mixed plastic matter from the solvent.

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