

Title (en)

METHOD FOR SELECTIVELY SEPARATING PREDETERMINED MATERIALS IN MIXTURES OF MATERIALS

Title (de)

VERFAHREN ZUR SELEKTIVEN ABTRENNUNG VON VORGEGBAREN STOFFEN AUS STOFFGEMISCHEN

Title (fr)

PROCEDE DE SEPARATION SELECTIVE DE MATIERES PREDETERMINEES CONTENUES DANS DES MELANGES DE MATIERES

Publication

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Application

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Abstract (en)

[origin: WO0107166A1] The invention concerns a method for selectively separating predetermined materials contained in mixtures of materials, in particular mixtures formed by waste and containing other materials with characteristics similar to said predetermined materials. The method is characterised in that the mixtures of materials are subjected, according to a known operation, to at least a process of automatic separation by density, the materials whereof the mass density is within a first range of values being separated from those within a second range of values. Before or while they are being treated, the predetermined materials are enriched with at least an additive providing them a with mass density within the first range of values. Said method enables simple and economical separation for example of high value or biodegradable synthetic materials contained in waste mixtures, such that they can be subsequently treated in accordance with prescribed rules or upgraded during removal.

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