

Title (en)

PROCESS FOR RECYCLING COMPOSITE MATERIALS CONTAINING PLASTICS.

Title (de)

VERFAHREN ZUR VERWERTUNG VON KUNSTSTOFFHALTIGEN VERBUNDWERKSTOFFEN.

Title (fr)

PROCEDE DE RECUPERATION DE MATERIAUX COMPOSITES CONTENANT DES PLASTIQUES.

Publication

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Application

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Abstract (en)

[origin: WO9412565A1] The invention pertains to a process for separating soluble plastic from its bond with other materials, a process for recovering plastics and materials from mixtures and/or combinations and/or composites of plastics with plastics and/or other materials, and a process for concerted upgrading and/or application and/or utilization of swollen plastics. In order to separate plastic that has been bonded with another material, such as metal, and to recover both materials, the material bond is subjected to a swelling agent until the bond has been eliminated and the plastic and the other material can be recovered readily, though in very pure form, by means of a mechanical separation process. The process is used preferably in the recovery of materials in an insulated electrical wire or set of electrical wires.

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