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METHOD OF RECYCLING UNSATURATED POLYESTER
RESIN WASTE AND RECYCLING APPARATUS

ABSTRACT OF THE DISCLOSURE

Provided are a method which can recycle waste by chemically treating unsaturated polyester resin waste resulting from manufacturing of buttons or waste of fiber reinforced plastic products containing glass fiber, for example, and obtaining industrially useful raw material, and an apparatus for carrying out the method. Namely, unsaturated polyester resin waste is degraded with glycol, to obtain glycolic raw material. This degradation is preferably made under a pressure. It is possible to synthesize unsaturated polyester resin by reacting this glycolic raw material with unsaturated dibasic acid and saturated dibasic acid. It is also possible to synthesize polyurethane resin by reacting the glycolic raw material with a diisocyanate compound.

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