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(54) Title: A METHOD TO ENABLE THE RECYCLING A STREAM OF POLYESTER WASTE MATERIAL AND A SYSTEM FOR APPLYING THE METHOD

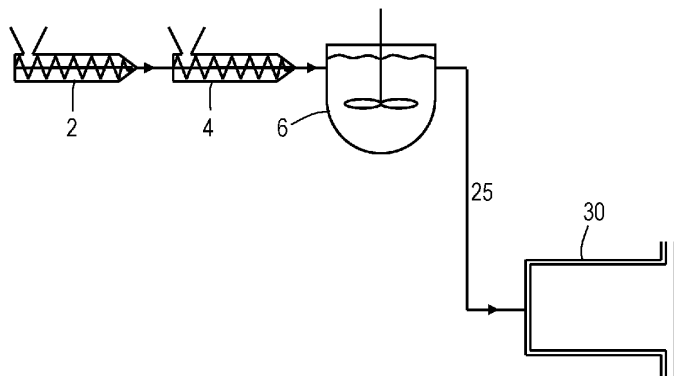


Fig. 4

(57) Abstract: The present invention pertains to a process to enable the recycling of a stream of polyester waste material by depolymerising the polyester present in the stream of polyester waste material into a reactive oligomeric ester, the process comprising providing the polyester in a liquid form in a reactor, and feeding an alcohol to the reactor to subject the polyester to the alcoholysis to depolymerise the polyester, while at the same time adding an amount of water and an amount of carboxylic acid, to form the reactive oligomeric ester. The invention also pertains to a system for using this process.

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