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(57) Abstract :

The present disclosure provides a method and apparatus for treating plastics for recycling. The apparatus includes a cleaning unit (301) including an internal drum (102) placed concentrically inside an external drum (101), holders (104) for accommodating a plastic product and cleaning the plastic product, a proximity sensor for detecting presence of the product and transmitting signal to a microcontroller. The microcontroller (402) controls a pump for facilitating flow of water through the holes (105) and controls a dryer for facilitating flow of hot air through the holes. A shredding unit (303) is connected to the cleaning unit (301) for receiving and shredding the dried plastic products to obtain shredded pieces of plastic. A transporting unit (305) is connected to the shredding unit (303) for conveying the shredded pieces of plastic to a compressing unit (307). The compressing unit (307) compresses the shredded pieces of plastic to obtain a plastic block. Fig. 3

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