

ABSTRACT**AN APPARATUS FOR COLLECTING RECYCLABLES**

The invention provides an apparatus for collecting recyclables, comprising a loader unit for receiving one or more items inserted by a user, an identification unit for identifying characteristics of each item, a transport unit for transporting the items, an ejector unit for ejecting at least one item from the transport unit based on its identified characteristics, and a disintegrator unit for disintegrating the ejected item into disintegrated recyclable matter, which comprises a shredder that is partitioned to form two or more shredding sections that are adjacently sealed therebetween. Each shredding section is configured to receive the ejected items of the same characteristics accordingly such that the apparatus produces one or more groups of disintegrated recyclable matter.

FIG. 2b for publication.