

**APPARATUS FOR AND METHOD OF COLLECTING
USED CATHODE-RAY TUBES**

ABSTRACT OF THE DISCLOSURE

An apparatus for collecting a cathode-ray tube (2) from a waste cathode-ray tube device (1) and recycling the cathode-ray tube (2) comprises a conveyor (15) having a moving pallet (21) for detachably holding a panel portion (10) of the cathode-ray tube (2) by vacuum adsorption portions (63a) through (63d) and sequentially conveying the panel portion (10) to a predetermined position, a means for leaving only the cathode-ray tube (2) by scrapping the waste cathode-ray tube device (1) held on the moving pallet (21) and separating and removing a device housing (4) from the waste cathode-ray tube device (1), and a conveying means for conveying the separated device housing (4). According to an apparatus for and method of collecting a used cathode-ray tube, a cathode-ray tube can be collected from a waste cathode-ray tube device easily inexpensively, and natural resources can be recycled.

Figure 3