Abstract

METHOD AND DEVICE FOR SEPARATING PRINTING INK AND FIBER BY DRY-PROCESS MAGNETIC FORCE DIFFERENCE COUPLED VIBRATION

A method and device for separating a printing ink and a fiber by dry-process magnetic force difference coupled vibration. The device comprises a fiber crushing machine unit (1), a magnetic force difference coupled vibrator (2), an acceleration fan (3), a ballistic rebounding and resorbing device (4), a material settling and conveying pipe (5), and a cylindrical separator (6) which are sequentially connected by means of pipes. According to the method and the device, separation of printing inks and fibers in waste paper can be implemented by means of dry-process magnetic force difference coupled vibration, and recycling of waste paper products is implemented.

Drawing accompanying the abstract: FIG. 1