

ABSTRACT**DEVICE FOR INSTANTANEOUSLY INSPECTING WASTE
QUALITY AND RECYCLING DEVICE AND METHOD USING
5 THE SAME**

A device for instantaneously inspecting the waste quality comprises a transparent tube segment, an illumination device, an image acquiring device and a signal processing module. The transparent tube segment has
10 a waste liquid contained therein. The illumination device providing an illumination light filed onto the transparent tube segment. The image acquiring device acquired images of the illuminated transparent tube segment for generating at least one image signal. The signal processing module is electrically coupled to the image acquiring device for
15 receiving the at least one image signal and determining the quality of the waste liquid according to the image signal.

(Fig. 1A)