

BILL ACCEPTOR WITH BILL PASSAGE ANTI-LIGHT POLLUTION ARRANGEMENT

ABSTRACT

A bill acceptor capable of reducing light pollution, avoiding errors and faults and enhancing detection accuracy and reliability is disclosed to include a housing defining a bill slot in a
5 face panel thereof, a bill-receiving unit accommodated in the housing and including a holder base defining therein a bill passage in communication with the bill slot, a control module, a transmission mechanism and a recognition circuit assembly, the recognition circuit assembly including a sampling and validating
10 module consisting of a plurality of light emitters and light sensors and controllable by the control module to validate the authenticity and face value of an inserted bill, and privacy filters mounted in a light path in the bill-receiving unit between the bill passage and the light sensors to filtrate external light sources and to let the light
15 emitted by the light emitters pass toward the light sensors.

FIG. 3