

Title (en)

APPARATUS FOR DETECTING THE PASSAGE OF MULTIPLE DOCUMENTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO8101827A1] An apparatus for detecting the passage of multiple documents (10) in a transport system, including a pair of rollers (20, 22) between which said documents (10) are arranged to pass and which are displaceable by an extent dependent on the thickness of one document or multiple documents simultaneously passing therebetween. This displacement is measured by the movement of a graded density translucent member (34) between the photodiode (46) and sensor (40) of a detector (36). Electronic circuitry associated with the detector (36) indicates the presence of a record member (10) between the rollers (20, 22), and also the presence of multiple record members (10). The graded density of the member (34) allows the circuitry to detect only the displacement from the static position of the rollers (20, 22) eliminating the necessity for adjustment due to wear, temperature, and other mechanical factors.

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