

Title (en)
OPTICAL SENSOR WITH PLANAR WALL

Title (de)
OPTISCHER SENSOR MIT EBENER WAND

Title (fr)
CAPTEUR OPTIQUE AVEC UNE PAROI PLANE

Publication
EP 1153371 B1 20020911 (EN)

Application
EP 99904648 A 19990217

Priority
CA 9900116 W 19990217

Abstract (en)
[origin: WO0049582A1] An improved optical sensor for a banknote validator uses an aspherical lens having a planar wall as a combination radiation plug for a port in the pathway and a focusing arrangement. Emitters and receivers are closely positioned on a common support and generally located at the focal point of the lens. The radiation reflected by a banknote is focused and received by the receiver. The lens also serves to collimate the produced radiation of the emitters for scanning of the banknote.

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G07D 7/00

IPC 8 full level
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CPC (source: EP US)
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