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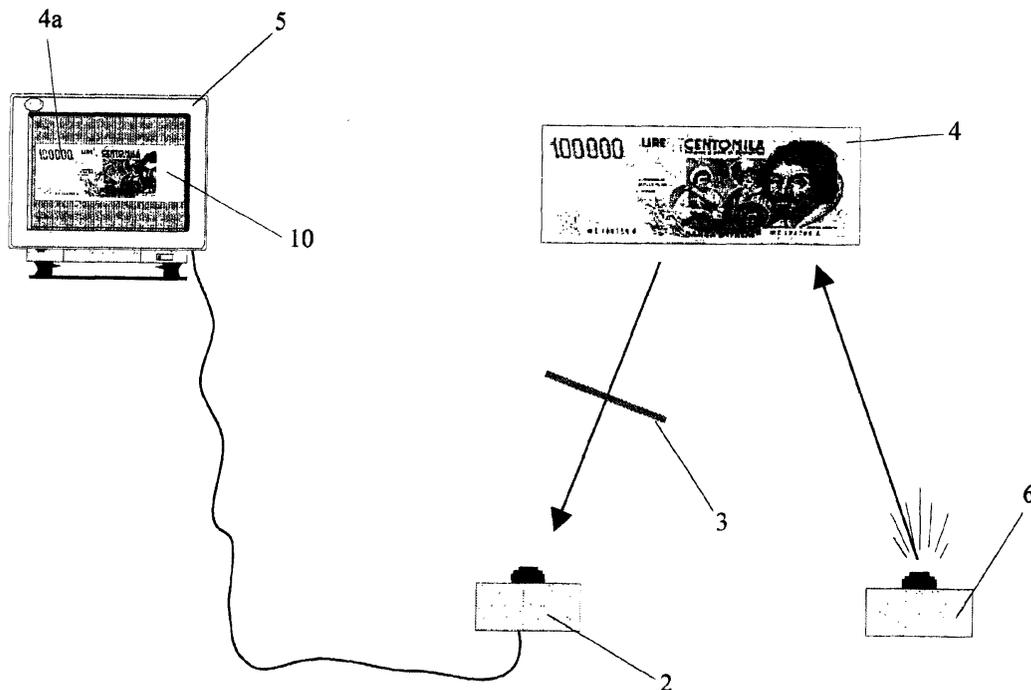
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(54) **Device for detecting forged banknotes**

(57) The present invention relates to a device for detecting forged banknotes, essentially comprising a sensor (2) which is sensitive to infrared rays, an infrared ray filter (3) which is arranged between the banknote (4) to be examined and the sensor, and a display (5) which is

connected to the sensor and able to convert the signals received from the sensor (2) into intelligible form. It is also envisaged using an emitter (6) designed to project infrared rays onto the banknote (4). In this way, the sensor receives, via the filter (3), the reflected image of the banknote (4) generated by the infrared rays alone.



**Fig. 3**



European Patent  
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EUROPEAN SEARCH REPORT

Application Number  
EP 98 83 0286

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Place of search	Date of completion of the search	Examiner	
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CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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