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(71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

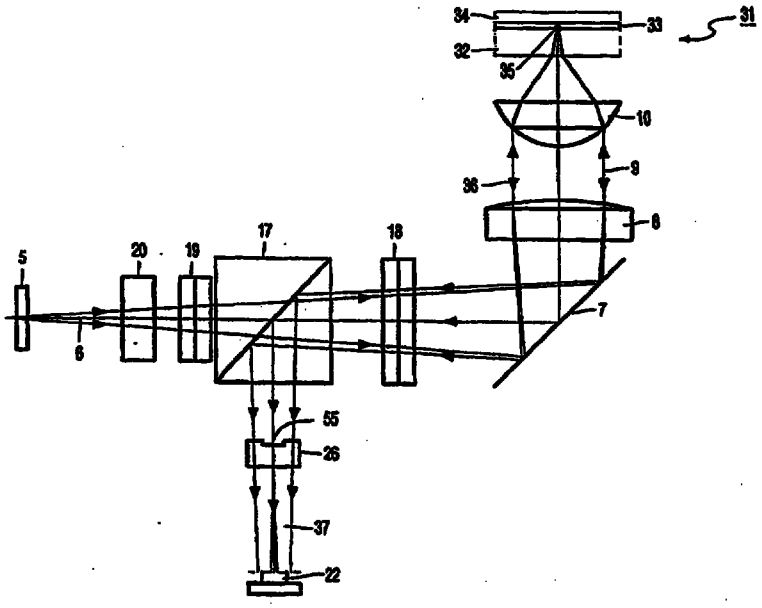
(72) Inventor: OPHEY, Willem, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) Agent: COBBEN, Louis, M., H.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: OPTICAL SCANNING DEVICE FOR TWO TYPES OF RECORD CARRIERS




(57) Abstract

In an optical scanning device suited for scanning two types of record carriers (1; 31) having a different thickness of their transparent layers (2; 32) and wherein an astigmatic element (26) is used in combination with a quadrant detector (22) for generating a focus error signal ($S_f$), this signal, which is generated when one type of record carrier (31) is scanned, can considerably be improved by arranging an aspheric surface profile in only the central part of the beam coming from said one type of record carrier.