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✓ Claim(s) : paged 9 to paged -
✓ Drawing(s) : paged 1/4 to paged 4/4
☐ Abstract : paged ..... to paged .....
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(54) Method of and apparatus for writing and reading a magneto-optical record carrier.

(57) A method of and an apparatus for writing and reading a magneto-optical record carrier (1) with an increased information density are described. Information areas (4) which are smaller than the write spot (V_w) supplied by a first diode laser (40) can be written by means of a switched magnetic field. The areas can be read with a read spot (V_r) which is smaller than the write spot, which read spot is formed by radiation from, for example an assembly of a second diode laser (42) and a frequency doubler (43).

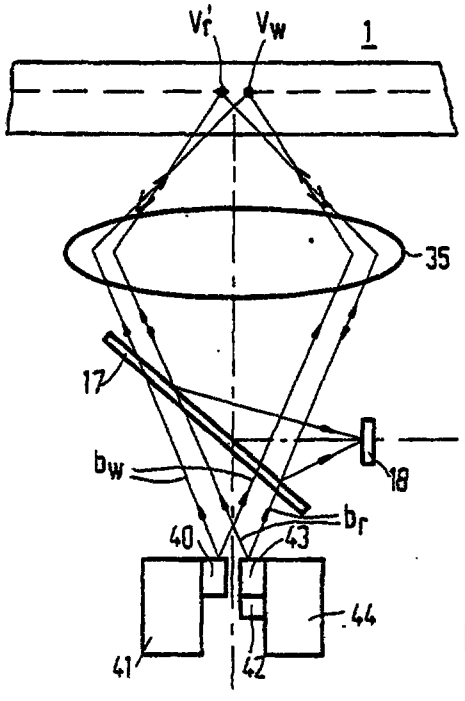


FIG.6

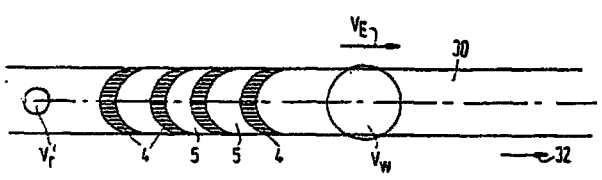


FIG.4

EP 0 383 386 A1