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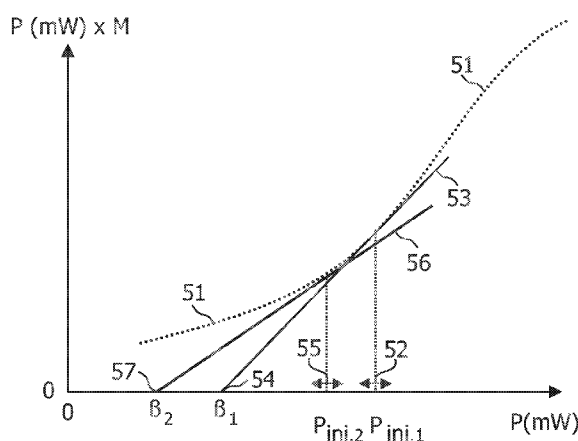
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(54) Title: METHOD AND APPARATUS FOR SELECTING AN OPTIMUM WRITE PARAMETER, AND OPTICAL RECORDING MEDIUM FOR USE BY SAID METHOD AND APPARATUS



(57) Abstract: The invention relates to a method for setting an optimum value of a write parameter for use in an optical recording apparatus for writing information on an optical recording medium by means of a radiation beam. The optimum value of a write parameter is found by curve-fitting a function and obtaining a characteristic write power level (P_{char}) from the curve-fitting function. It is then assessed if the characteristic write power level (P_{char}) qualify as an optimum value of a write parameter. If the characteristic write power level (P_{char}) does not qualify as an optimum value of a write parameter then an iteration procedure is started, where the subsequent initial values of write power level ($P_{ini, n}$), are given by $P_{ini, n+1} = A P_{ini, n} + (1-A) P_{char, n}$, where A is a constant, and n is an integer. The invention also relates to an optical recording apparatus and an optical recording medium according to the invention.

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