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ABSTRACT:

Method and device for recording marks in an information layer of an optical record carrier, and record carrier for use therein.

Method and device are described for writing an optical record carrier, in which a mark representing recorded data is written in a phase-change layer of a record carrier by a sequence of radiation pulses. A cooling power level is introduced which depends on the length of the mark to be recorded and/or on properties of the record carrier. The method results in a reduced jitter of the marks written, especially when writing at high recording speeds.

Fig. 3