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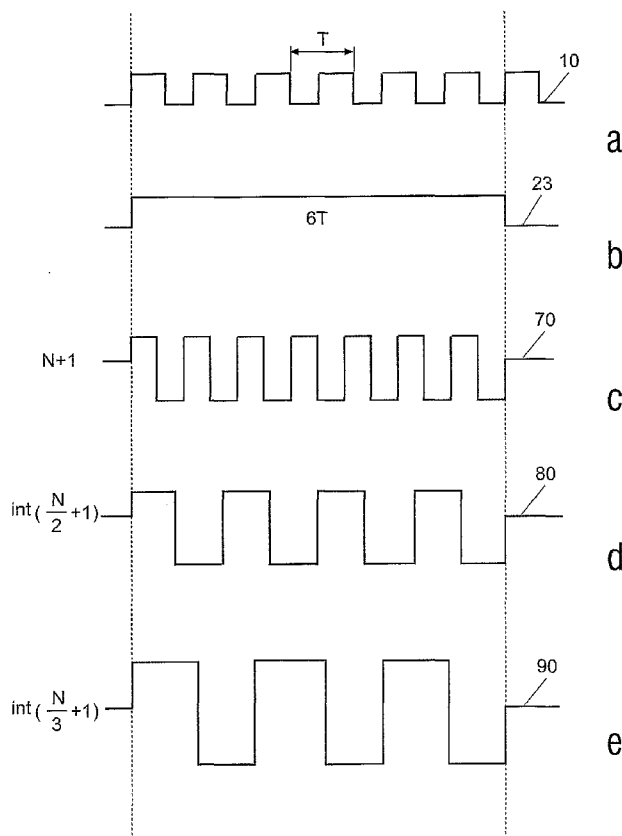
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(54) Title: METHOD AND DEVICE FOR RECORDING MARKS IN AN INFORMATION LAYER OF AN OPTICAL RECORD CARRIER



(57) Abstract: The present invention relates to a method and a corresponding device for recording marks representing data in an information layer of a record carrier by irradiating the information layer by means of a pulsed radiation beam, wherein a mark is written by a sequence of write pulses, the number of write pulses of the sequence for writing a mark of length NT, T being the length of a reference clock, being determined by application of a predetermined write strategy. In order to make use of new lasers and laser drivers generating shorter laser pulses and in order to enable precise mark edge positioning leading to less bit errors it is proposed that for writing a mark of length NT either a first write strategy using (N+k) write pulses, a second write strategy using trunk(N/2+k) write pulses, or a third write strategy using trunk(N/3+k) write pulses, k being an integer equal to or larger than one, is applied.

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