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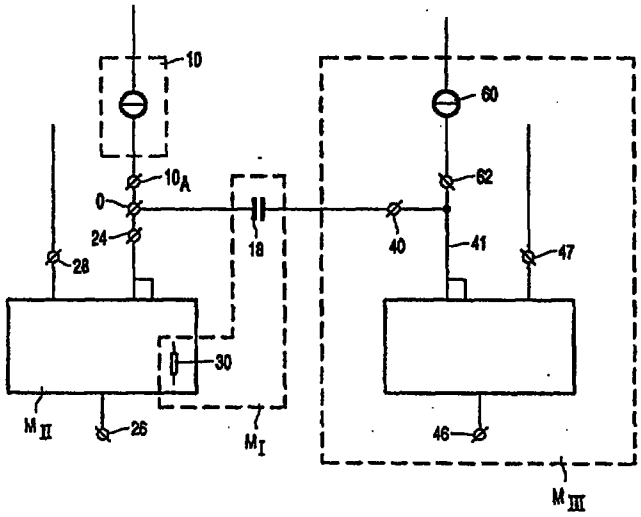
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(54) Title: OPTICAL READ/WRITE APPARATUS



(57) Abstract

The present invention relates to an optical read/write apparatus which comprises at least a first detector (10) for detecting light reflected from an optical record carrier and for generating a signal. A signal processing unit (12), having a common input clamp (0) coupled to the first detector, comprises: means M_I for separating low frequency and high frequency components of the detected signal, comprising a capacitive element (18); means M_{II} for processing the low frequency components, comprising a current mirror having a first input clamp (24) and a first output clamp (28), wherein the first input clamp (24) is coupled to the common input clamp (0); means M_{III} for processing the high frequency components, comprising a current source (60), a second current mirror and a second input clamp (40) coupled to the common input clamp (0) via the capacitive element (18), further having a second output clamp (47), wherein a current output clamp (62) of the current source (60) and an input branch (41) of the current mirror are both coupled to the input clamp (40) of the means M_{III}. In this way a bias–free processing of the low–frequency components and a large bandwidth for the high frequency components is realized.