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<p>(54) Title: CONTROL SYSTEM, DRIVING SYSTEM AND CONTROL METHOD, APPARATUS INCLUDING THE DRIVING SYSTEM</p>		
<p>(57) Abstract</p> <p>A control system in accordance with the invention comprises error signal generating means (23) for generating an error signal (X_e) in response to a reference signal (X_r) and a first and a second position signal (X_{pa}, X_{pb} resp.). The reference signal is a measure of the desired value of a position of a first part (5) of a drive system with respect to a second part (0) of the drive system. The position signals (X_{pa}, X_{pb}) are a measure of the actual value of said position. The error signal (X_e) is a measure of the difference between the desired value and the actual value of the position. The control system further comprises energizing means (24) for energizing a motor (1) which is to be controlled by the control system in dependence on the error signal (X_e). The control system of the invention is characterized in that the error signal generating means (23) are adapted to generate weighting factors (X_{wa}, X_{wb}) from the reference signal (X_r), for weighting the position signals with the weighting factors and determining a sum (X_{el}) of the weighted position signals. The control system can be used in a recording/playback device for positioning a read/write head.</p>		