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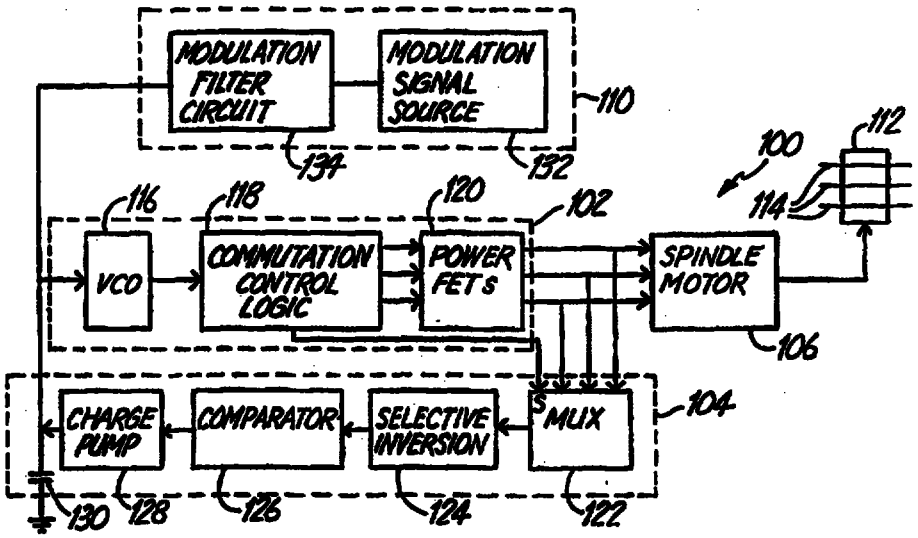
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(54) Title: A METHOD AND APPARATUS FOR CONTROLLING A MOTOR IN A DISC DRIVE BY MODULATING THE COMMUTATION ANGLE



(57) Abstract

A motor control circuit (100) for controlling a motor (106) in a disc drive is provided. The motor control circuit (100) includes a commutation circuit (102) which provides commutation signals to the motor (106) to commutate the motor (106) at a commutation frequency. A frequency modulation circuit (181) is operably coupled to the commutation circuit (102). The frequency modulation circuit (181) provides a modulation signal which frequency modulates the commutation frequency according to a predetermined pattern.