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OPERATION AMPLIFIER

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Abstract of JP2008306562 (A)

PROBLEM TO BE SOLVED: To provide an operation amplifier which improves power source voltage removal ratios while assuring phase compensation characteristics, and therefore can be realized with a small-scale circuit and low power consumption.

SOLUTION: The operation amplifier comprises: a differential amplifier circuit 1; an output amplifier circuit 2 connected in series to the poststage of the differential amplifier circuit 1; a phase compensation circuit 3 for performing phase compensation of input/output characteristics; and a current supply circuit 5 for supplying an alternating current to this phase compensation circuit 3. Impedance of the current supply circuit 5 is equal to impedance of the phase compensation circuit 3. The phase compensation circuit 3 has a capacitor Cc1 and a resistor Rc1 connected in series. The current supply circuit 5 has a capacitor Cc2 and a resistor Rc2 connected in series. ;COPYRIGHT: (C)2009,JPO&INPIT

