

The invention proposes a push-pull balanced current amplifier, in which thirty ninth and fourth transistors are incorporated, with emitters of thirty ninth and fourth transistors are connected to bases and collectors of ninth and tenth transistors correspondingly, as well as to buses of seventh and eighth transistors correspondingly, bases of thirty ninth and forties transistors are connected to collectors seventh and eighth transistors correspondingly, as well as to leads of first current source, collectors of thirty ninth and fourth transistors are connected to collectors of fifth and sixth transistors correspondingly, as well as to emitters of thirty fifth, thirty seventh and thirty sixth, thirty eighth transistors correspondingly, bases of seventeen and eighteen transistors are united and connected to second lead of correcting capacitor, emitters of seventeenth and eight transistors are connected to collectors of twenty forth, eighteenth and twenty third, seventeenth transistor correspondingly, as well as to bases of twenties and nineteenth transistors correspondingly.