

The proposed magnetic circuit core for an induction device is made from spiral turns of electric steel bands. The said turns alternate with radial turns made by applying an electric steel strip. The first strip turn, which is arranged closer to the core axis, corresponds to the strip start, and the last turn corresponds to the strip end. The proposed method for producing the magnetic circuit core consists in applying a number of the initial strip turns, maintaining a specified tension of the electric steel strip, and sequentially applying the spiral turns of electric steel bands onto the strip. The last turn of the electric steel band is enclosed by the outside strip turns.