

Translated version of TPU_Serg+comment_Michail.doc

Brief description TPU authored Sergei Alexeyev

Take frame, plastic ring 200 mm in diameter, calculated its circumference. Next to this length, taking into account the twisting litz, two nails are driven ... they wound 600 turns of fine wire, and then he lifted and twisted with a density of 1 turnover by 2.5 cm, of course it ought to tin the ends. This LITC fit the ring axially, ie the circle made from it conclusions and all so isolated. survived to 30-40 m.

The next step.

Insulation strip wound toroidal foil so as to have, as it were winding ... but it should not be closed, that is, as I understand, the coils should not whiling away together. Again well insulated. From this electrode essno also must conclude one. This centuries lining, capacitor element formed Litz and this electrode.

Next.

Is placed over the insulation removable reel, thick wire, toroidal, over the entire surface of a donut.

Litz and this detachable coil form the output element from which the output, they are connected in series.

High voltage is applied between Litz - minus (Amendment of Michael - minus on the ground, there is no connection with Litz), and the plate of foil-plus. (Voltage is applied to the foil to remove the amps to increase the domestic thick ring, the voltage necessary to select manually in the main hemorrhoids. Depending on where you are, depending on what your terrain and the climate will change and the voltage that must be submit to the foil. oryachy T magnetic flux - is the one who gives just amps must go strictly on the inner ring, so you need to strictly follow the geometry of the ring, nothing broken. Kosjakov to assemble should not be!)

Next next step.

Shakes rotating field coils. Four coils 90 degree sectors.

The key point, the authors - all winding, including spin litz must be in one direction.

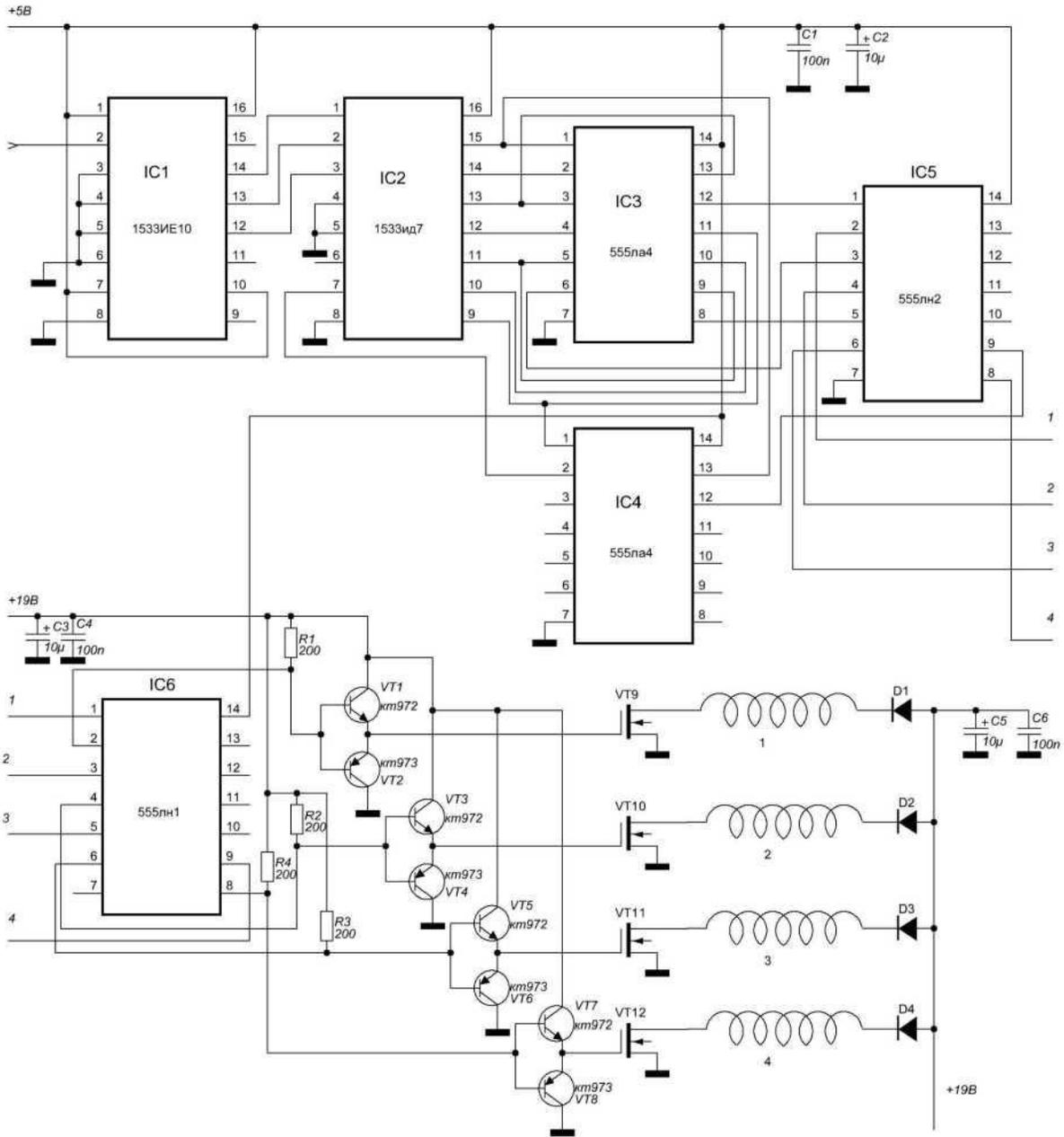
Well, actually, like on all designs.

Now connect the control circuit to the coils of the torsion fields, and provide the highest catch mode of energy generation.

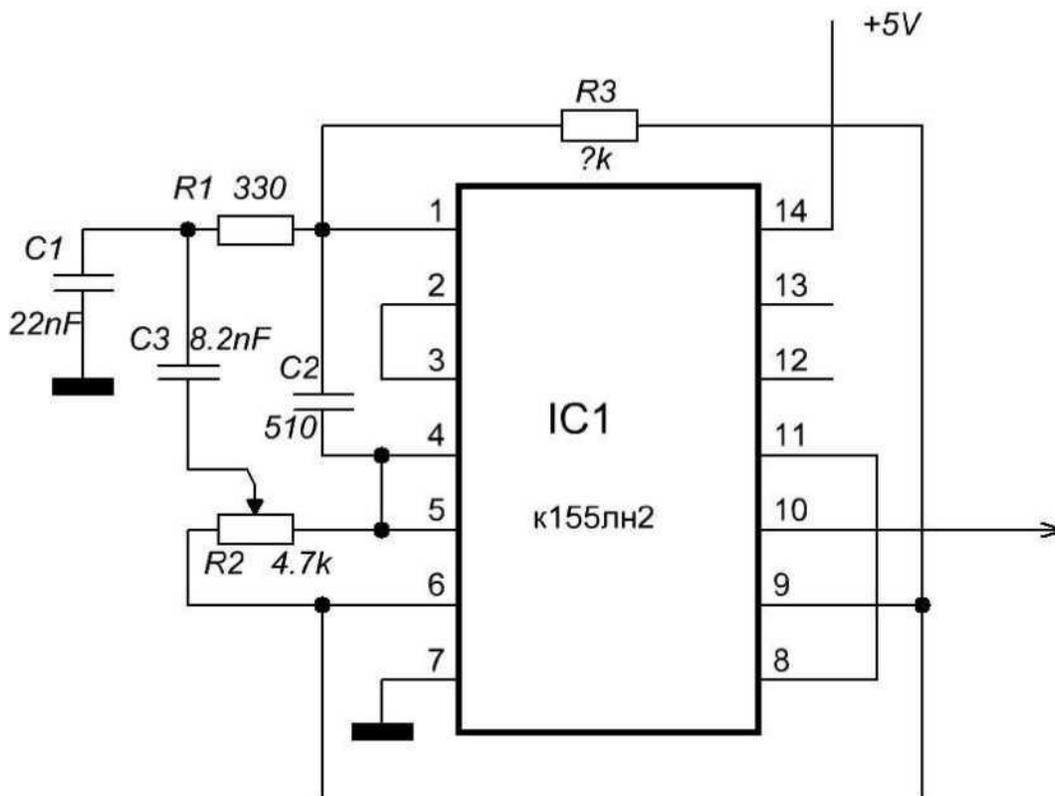
Another key point noted by the author - is that the currents in the coils of the torsion field must quickly reheat copper soldering tip ...

It's like a pre-test, as I understood, without this moment of generation is reached.

The control circuit is a running fire with overlapping pulses.



The master oscillator is collected under the scheme



Unclear is the question of supply current at startup litz obviously orthogonal to create a magnetic field. (Nothing like that. CURRENT removed from the hot stream, which is formed by the rotation of the magnetic field, which is formed by the dragging of the field through the control coils. If you turn the field strongly, up to 40 km per second, the strength of the hot stream reaches high values, a hot stream - amps should litsendrat get on.)

According to Mr. Rigor - when running on litz served significant current during output mode, this current decreases .. (Michael Comment: Not a true understanding of Gregory)

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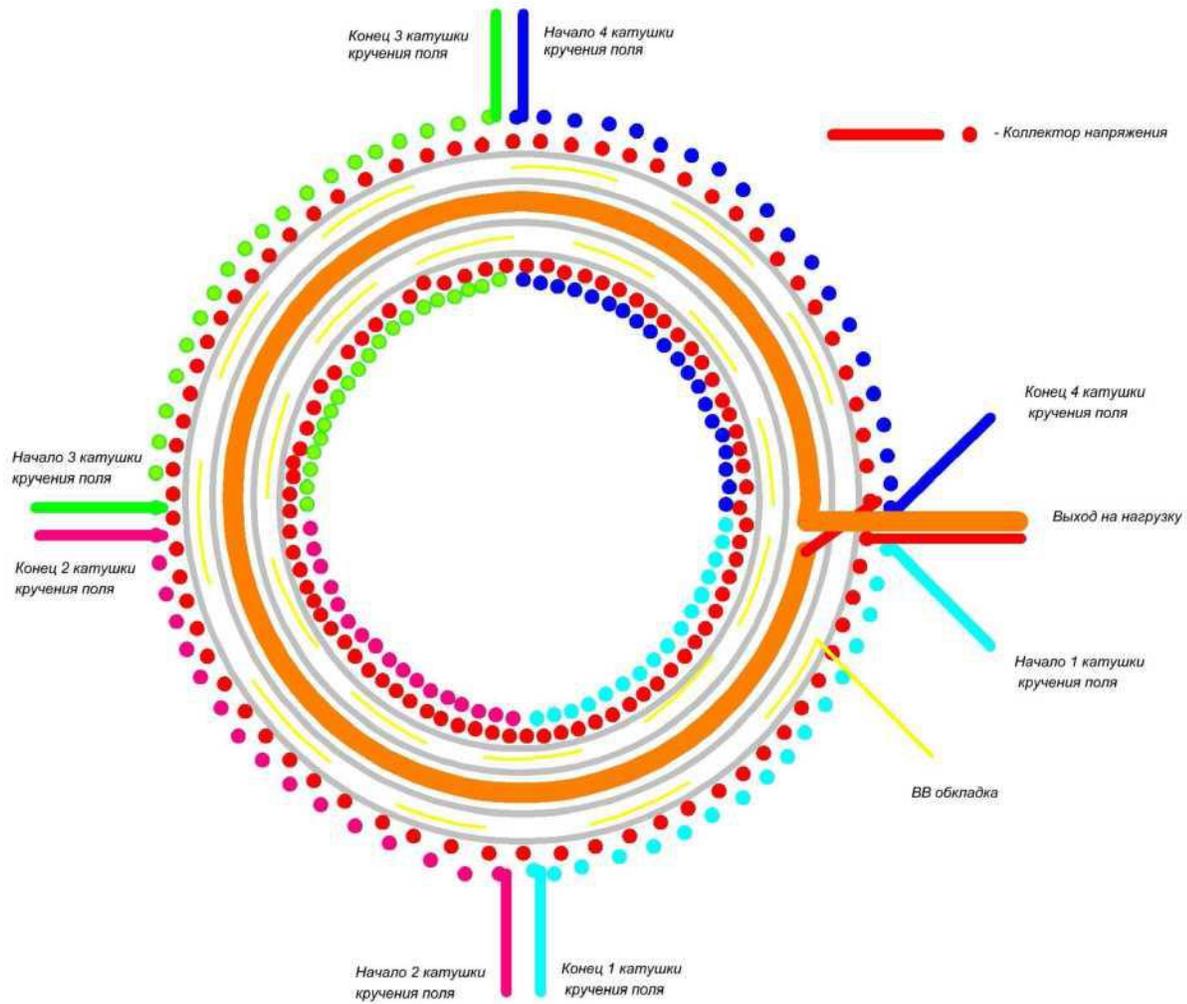
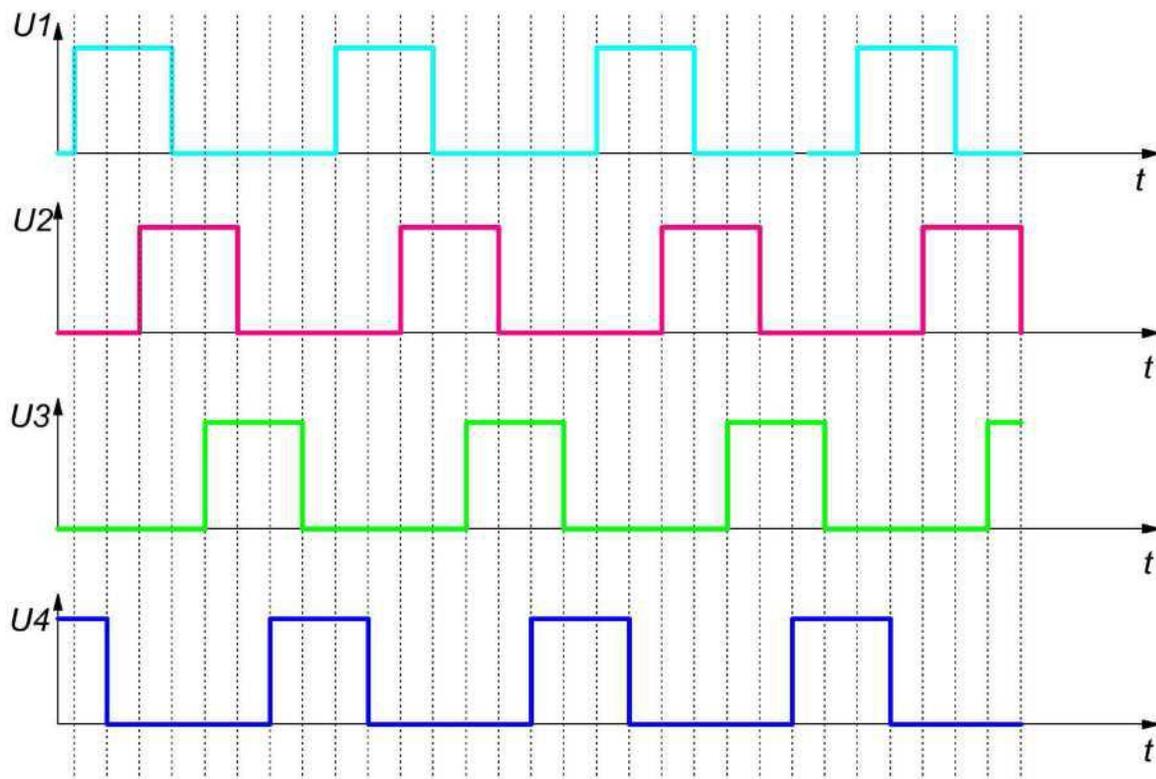
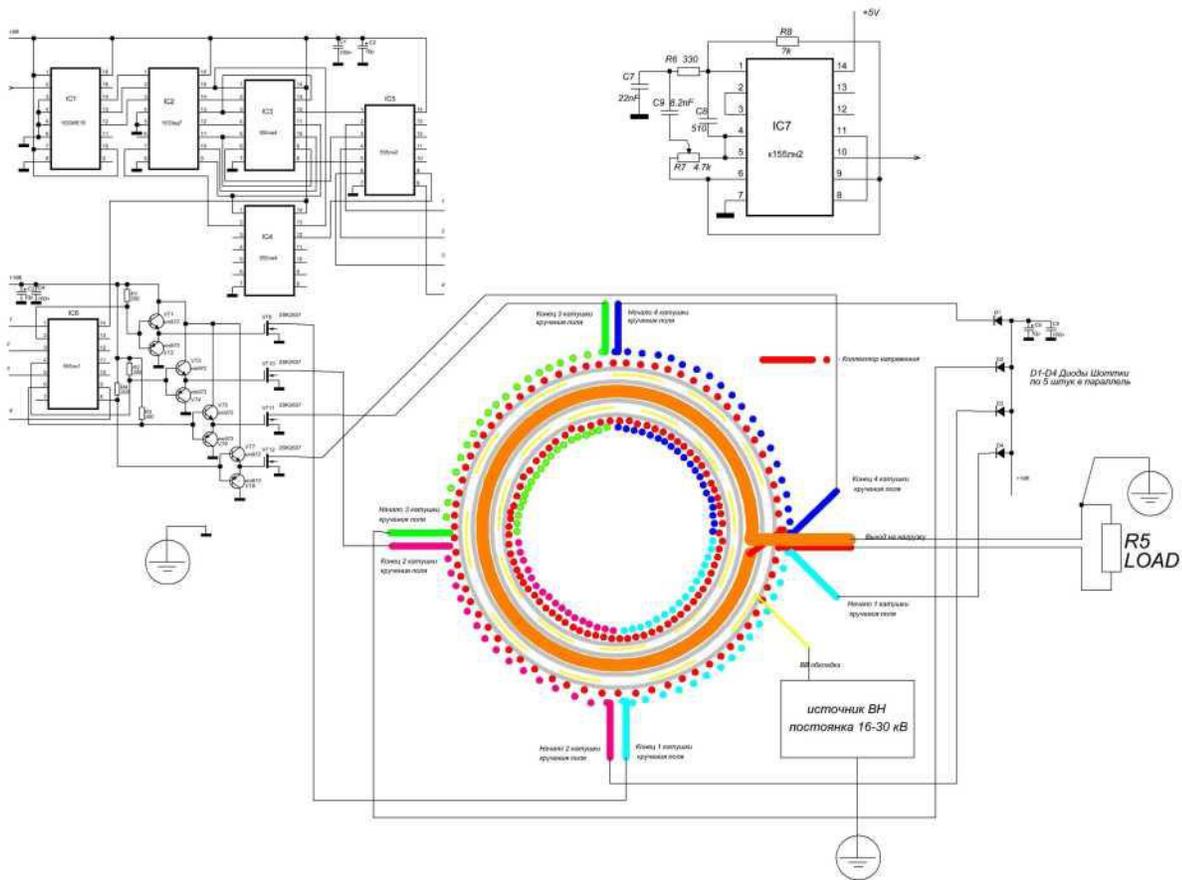


Диаграмма работы ключей

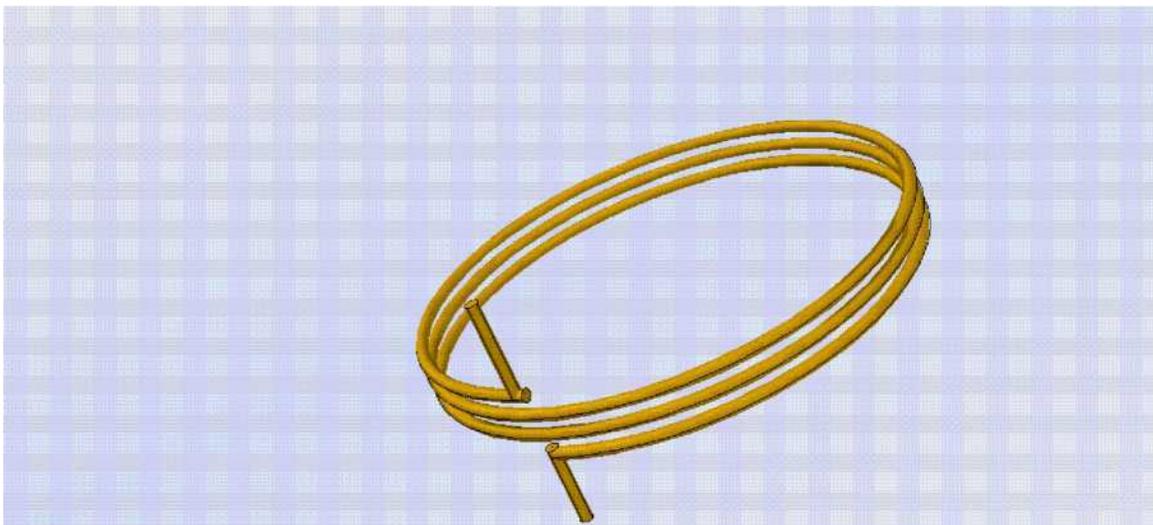


Connection diagram elements of the device is as follows.

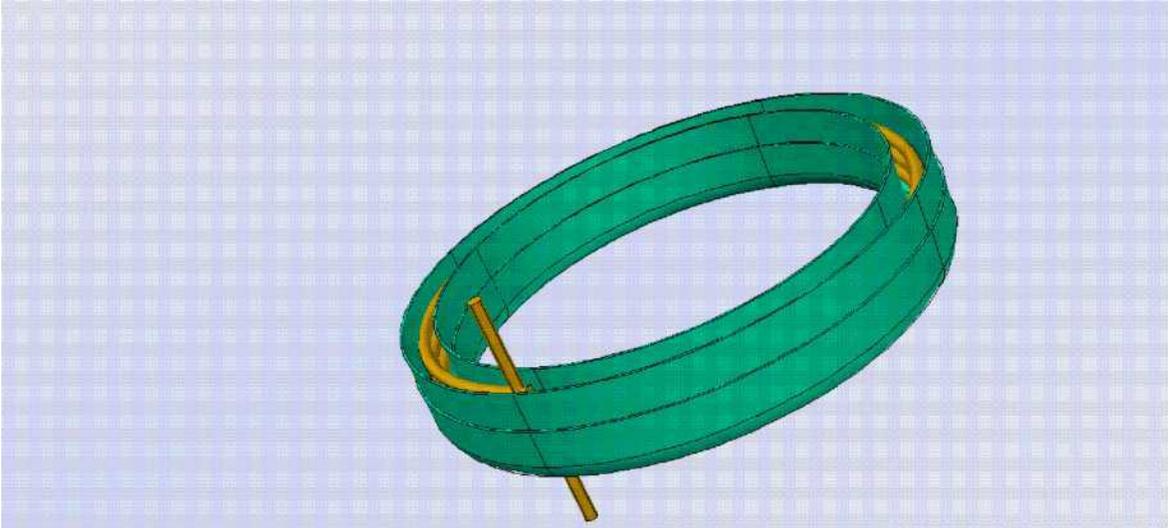


Order winding and assembly of the device.

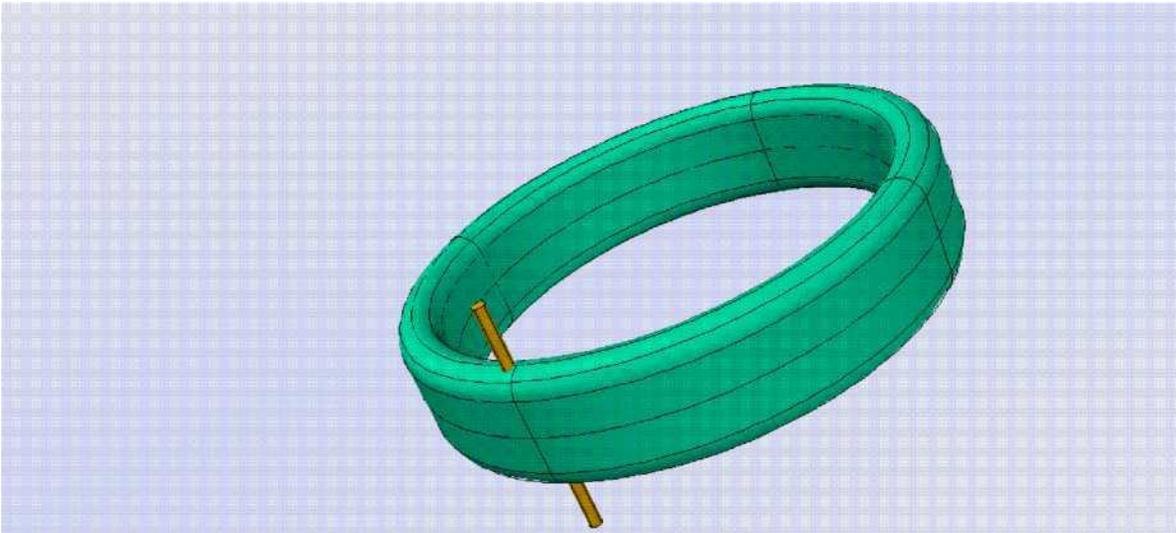
First, a current collector is wound as described above, from 3 to 21 turns. (Not need many turns optimally 3 turns)



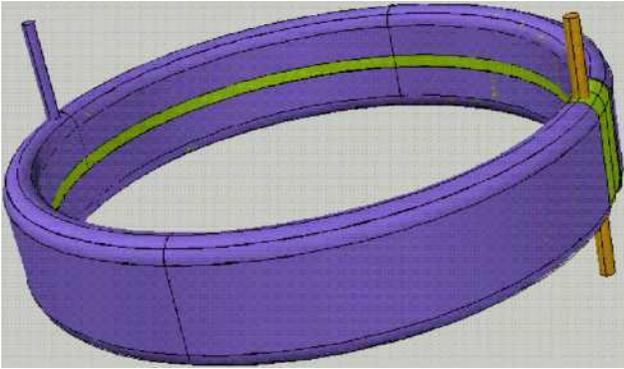
He fits into the insulating jacket of Teflon 2 mm. (You can use tape slyudenitovuyu, insulate well and heat resistance)



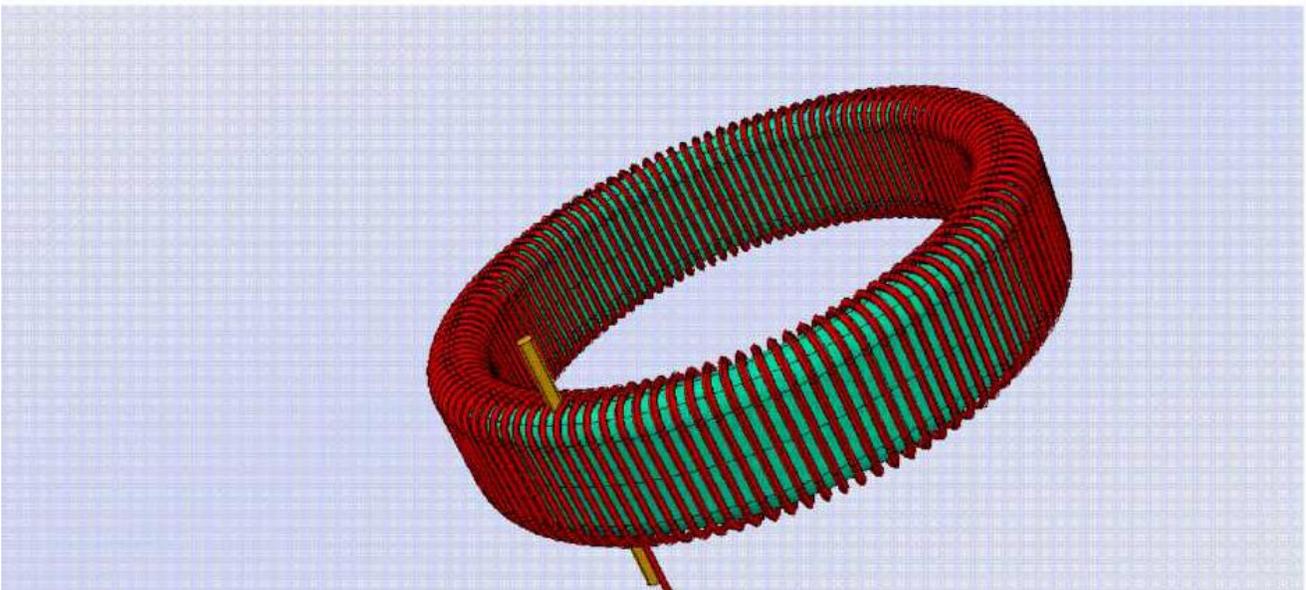
Do rehydrating housing cover.



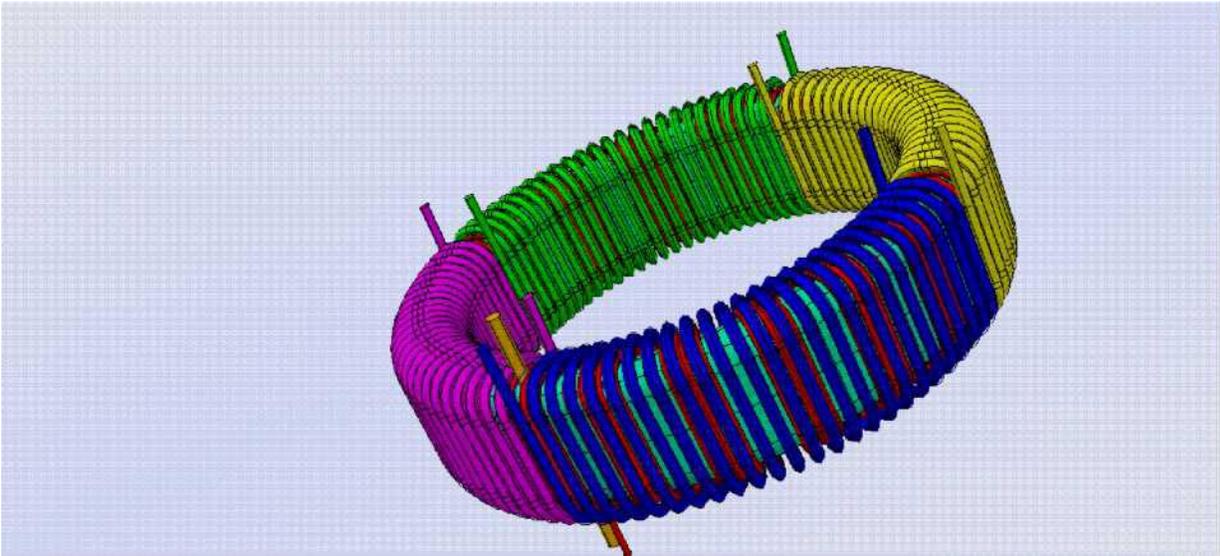
Over the first insulating jacket installed high-voltage electrode. (Foil will even Zolotinka of chocolates)



Install the second insulating jacket.



Collected over the collector pulls the coil torsion fields drawn for clarity in different colors.



After completing these steps, you can install TPU assembled on the chassis, and make the connection of the control and high-voltage source. (Michael Comment: Important for large diameter rings, the number of coils should be more, but a multiple of four, and hence the control circuit will need to have 4,8,12, 16 coils and so on).

