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The invention refers to apparatuses for dielectric liquids purification, in particular, for separation of mechanical impurities from vegetable oils and may be used in the oil-and-fat, petroleum and electrochemical industries.

The apparatus contains a chamber of the dielectric material with inlet and outlet connections, divided into sections by dielectric partitions, needle high-voltage electrodes and earth plate electrodes.

In the upper part of the dielectric partitions symmetrically to the middle thereof are made holes having the relation between their centers l_1 to the section length l_2 equal to $1/2$.