

The method of the production of a cathode foil for electrolytic condensers provides for the vacuum deposition of a titanium porous layer with the addition of yttrium up to 1 % in the reactive oxygen and nitrogen medium or dehydrated air under pressure of $1 \cdot 10^{-2} - 6.5 \cdot 10^{-1}$ Pa. The deposition is made on a dense layer obtained in the course of the titanium deposition with the addition of yttrium up to 1 % in the medium with no gas.