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The invention relates to the electric machine engineering, namely, to the technology of manufacturing the submersible motors.

Summary of the invention consists in, that as insulation material it is used a mixture consisting of paraffin and stearine in the ratio of 1:1. The mixture is heated up to the pasty condition and is filled in under pressure into stator winding space, limited by the body inner surface, protection sleeve and end shield in the volume exceeding the volume of filling in space 1.5-2 times, and the mixture surplus is throttled through the outlet.

The result consists in improving the quality of the electric machine stator insulation, as well as in assuring the maintainability of the stator.