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The invention relates to the oil-fat industry, particularly, to the vegetable oils refining and may be used, namely, on the small enterprises.

The process comprises oil heating, treatment thereof with the reagents in the beginning with the phosphorous acid and then with the sodium hydroxide water solution, separation of the impurities by the foam flotation and purifying the oil from the impurities rests by filtration.

The apparatus contains a refining tank with an electric heating member and a net-basket for foam removing from the oil surface, means for introduction of reagents and mixing thereof with the oil and a filter for purifying the oil from the impurities rests. The tank is divided in two parts by means of a vertical partition and contains a conic bottom, the opening in the lower part thereof is connected to the reagents reservoir and the mixing means, located under the pump, is connected to the filter.

The technical result consists in shortening the oil purifying time.

Claims: 5

Fig.: 1