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The invention relates to the wine and alcohol-distillation industry, namely to a process for stabilization of alcoholic distillates containing aldehyde compounds.

The process, according to the invention, comprises the reduction of aldehyde compounds with electrochemically generated hydrogen upon its release on a porous electrode in the cathode space of a diaphragm electrolyzer at the current density of $0.1 \dots 0.5 \text{ A/dm}^2$ and the linear flow rate of $0.01 \dots 0.05 \text{ m/s}$ with subsequent treatment of alcoholic distillate in an electrodynamic cavitator upon magnetic liquefaction of spherical magnetized ferromagnetic particles in an electromagnetic field upon application of a magnetic induction of $0.03 \dots 0.05 \text{ T}$.

Claims: 4