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(54) Title: AQUEOUS HYDROGEN PEROXIDE SOLUTION, PROCESS FOR ITS PREPARATION AND USE THEREOF

(57) Abstract: The present invention refers to an aqueous hydrogen peroxide solution having a hydrogen peroxide concentration $[H_2O_2]$ expressed as % by weight of the solution and an apparent pH of from pH_{min} to pH_{max}, such that $pH_{min} = 3.45 - 0.0377 \times [H_2O_2]$ $pH_{max} = 3.76 - 0.0379 \times [H_2O_2]$. The present invention also relates to a process for the preparation of said hydrogen peroxide solution and the use of said solution in a process for the epoxidation of olefins.

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