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(57) **ABSTRACT**

The present invention provides a separator formed by hydrolysis of a resin film. The resin film comprises a non-hydrolyzable organic polymer; and a hydrolyzable organic polymer being hydrolyzable by treatment with at least one of an acid aqueous solution, an alkaline aqueous solution and pure water, wherein the content of the hydrolyzable organic polymer ranges from 10 parts by weight to 70 parts by weight relative to 100 parts by weight of the resin film. The separator of the present invention has good ion conductivity and thus, is extremely suitable for use in various types of batteries.