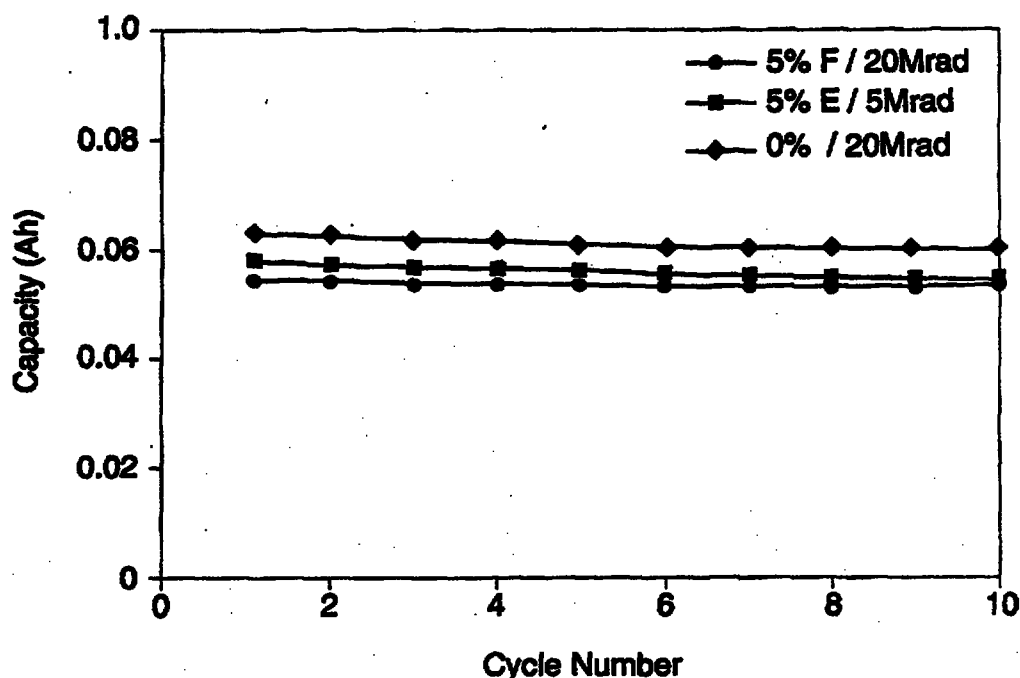




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+ IPER + Annexes(54) Title: **CROSSLINKED HYBRID ELECTROLYTE FILM AND METHODS OF MAKING AND USING THE SAME**

(57) Abstract

A polymeric film useful as an interelectrode separator or electrolyte member in electrolytic devices, such as rechargeable batteries, comprises a copolymer of vinylidene fluoride and hexafluoropropylene, a medium to high-boiling plasticizer, and a finely divided inorganic filler which has been subjected to actinic radiation or thermal energy to cause crosslinking thereof in the presence of a crosslinking agent selected from the group consisting of an acrylate ester, di- or triallyl ester and a di- or triglycidyl ether.

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