

Title (en)
REINFORCED ION EXCHANGE MEMBRANE

Title (de)
VERSTÄRKTE IONENAUSTAUSCHERMEMBRAN

Title (fr)
MEMBRANE ECHANGEUSE D'IONS RENFORCEE

Publication
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Application
EP 01910242 A 20010219

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Abstract (en)
[origin: WO0161774A1] The invention is a reinforced ion exchange membrane for application in electrochemical cells. More specifically a membrane is provided having an ion conducting section or multiple ion conducting sections and a section, or sections that are non-ion conducting. The method according to the invention has several advantages over the existing technologies. Expensive proton conducting material is only used in the active areas, and not used for sealing the cell thus reducing material costs. Compared to non-reinforced membranes or macro reinforced membranes only a small amount of the expensive proton conductor has to be used.

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See references of WO 0161774A1

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