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(54) Title: REINFORCED ION EXCHANGE MEMBRANES

(57) Abstract: The present invention provides a cell membrane comprising: an ion exchange membrane comprising at least one first polymer exhibiting acidic functional groups A; and a fabric, wherein the fabric comprises fibers, and wherein the surface of the fibers exhibits basic functional groups C, and wherein the fabric supports the ion exchange membrane. The present invention also provides a method for manufacturing the disclosed cell membrane, a device comprising the disclosed cell membrane, and a use of the disclosed cell membrane in an electrodialysis cell, in a fuel cell, in a PEM electrolyzer, or in a redox flow battery.

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