

Title (en)

PUMP HAVING ELECTROACTIVE POLYMERS

Title (de)

PUMPE MIT ELEKTROAKTIVEN POLYMEREN

Title (fr)

POMPE COMPORTANT DES POLYMÈRES ÉLECTROACTIFS

Publication

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Application

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Abstract (en)

[origin: WO2021197994A1] The present invention relates to a pump (1) having a pump actuator (2) which comprises at least one electroactive polymer, wherein the at least one electroactive polymer is arranged in such a way that a deformation of the at least one electroactive polymer occurs along the direction of the pump stroke of the pump. The invention also relates to a blood treatment machine comprising such a pump. A further aspect of the invention relates to a method for measuring the maintenance of pressure using such a pump.

IPC 8 full level

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