

Title (en)
DEVICES AND METHODS FOR TREATING EDEMA

Title (de)
VORRICHTUNGEN UND VERFAHREN ZUR BEHANDLUNG EINES ÖDEMS

Title (fr)
DISPOSITIFS ET PROCÉDÉS DE TRAITEMENT D'OEDÈME

Publication
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Application
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Abstract (en)
[origin: WO2020174285A2] The disclosure relates to devices and methods for the treatment of edema that uses an impeller with a balloon that may be mounted on the impeller housing. The invention provides devices and methods for treatment of edema that use an indwelling catheter with an impeller to lower pressure at an outlet of a lymphatic duct and a balloon on the impeller to guide and to restrict blood flow. The balloon restricts return flow from the jugular and guides that flow into the impeller cage. By funneling the flow into the impeller cage, a rate of flow down the vessel may be increased, resulting in a lateral pressure decrease effecting the lymphatic outlet. Because the lymphatic outlet is subject to a pressure decrease, fluids in the lymphatic system drain to the outlet and into the circulatory system.

IPC 8 full level
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Citation (search report)

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