

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  
**EP 3930600 A4 20221109 (EN)**

Application  
**EP 20763700 A 20200226**

Priority

- US 201962810668 P 20190226
- US 201962810660 P 20190226
- US 201962810672 P 20190226
- US 201962810658 P 20190226
- US 201962810653 P 20190226
- IB 2020000184 W 20200226

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  
**A61M 60/13** (2021.01); **A61M 60/216** (2021.01); **A61M 60/414** (2021.01); **A61M 60/81** (2021.01); **A61M 60/833** (2021.01)

CPC (source: EP IL US)  
**A61M 60/13** (2021.01 - EP IL US); **A61M 60/216** (2021.01 - EP IL US); **A61M 60/414** (2021.01 - EP IL US); **A61M 60/81** (2021.01 - EP IL US); **A61M 60/833** (2021.01 - EP IL US); **A61M 2202/0405** (2013.01 - EP)

Citation (search report)

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- [XAI] US 6248091 B1 20010619 - VOELKER WOLFRAM [DE]
- [XA] US 5092844 A 19920303 - SCHWARTZ ROBERT S [US], et al
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2020174285 A2 20200903**; **WO 2020174285 A3 20210401**; AU 2020230048 A1 20210923; CA 3135225 A1 20200903; CN 113727752 A 20211130; EP 3930600 A2 20220105; EP 3930600 A4 20221109; IL 285734 A 20211031; JP 2022523205 A 20220421

DOCDB simple family (application)  
**IB 2020000184 W 20200226**; AU 2020230048 A 20200226; CA 3135225 A 20200226; CN 202080031482 A 20200226; EP 20763700 A 20200226; IL 28573421 A 20210819; JP 2021549632 A 20200226