

Title (en)  
METHOD AND DEVICE FOR WATER PURIFICATION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR WASSERREINIGUNG

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE PURIFICATION D'EAU

Publication  
**EP 4426455 A1 20240911 (EN)**

Application  
**EP 22817344 A 20221103**

Priority  
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Abstract (en)  
[origin: WO2023079480A1] The present invention relates to a method and a device for purifying unpurified water such as seawater, wherein the water is heated so that it evaporates and the water vapour is condensed to obtain purified water, wherein the purified water is allowed to flow downward via a turbine (13), (24) that drives a generator (14), (25) in order to convert the potential gravitational energy thereof into electrical energy, wherein preferably water is pumped to a higher level (III) on a raised base (2) for energy storage as potential gravitational energy and water vapour is led to a higher level (III) and after condensation is captured at a higher level (III).

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