

Title (en)
DEVICE FOR PURIFYING WATER

Title (de)
VORRICHTUNG ZUR REINIGUNG VON WASSER

Title (fr)
DISPOSITIF DE PURIFICATION D'EAU

Publication
EP 1742879 A1 20070117 (DE)

Application
EP 05715660 A 20050302

Priority
• EP 2005002186 W 20050302
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Abstract (en)
[origin: WO2005085139A1] Disclosed is a device for purifying water, comprising a pan, a filter cartridge which contains purifying material which can be inserted into the pan and a vessel which is used to receive the pan and receive purified water which is poured therein and which passes through the filter cartridge when the pan which is provided with a filter cartridge is inserted. An electronic display, which can be connected to an electric battery, is provided. Said display produces an externally recognizable sign for replacing the purifying material with new, non-charged purifying material. The display comprises an intelligent, electronic component (9) having a storage function, said component being able to be connected to the battery (10). An electric element (12), independent from the position of the vessel, is arranged in an electric circuit containing the battery (10). When the vessel is arranged with a vertical axis, said electric element is ineffective. When the vessel is tilted and the axis (A2) thereof has a predefined minimum inclination, the electric element provides an electric variable which can be detected by the electronic component (9). The electronic component (9) provides a variable which is proportional to the amount of water which is discharged from the vessel when it is poured out and the display is fitted with a see-through vision panel which can be recognized from the outside, wherein added amounts of purified water poured out of the vessel are displayed as numeric values upon utilization of the vessel which is fitted with a new filter cartridge full of purifying material.

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Citation (search report)
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