

Title (en)

DEVICE FOR IRRADIATION WITH UV LIGHT, WASHING MACHINE AND METHOD FOR IRRADIATION WITH UV LIGHT

Title (de)

VORRICHTUNG ZUR BESTRAHLUNG MIT UV-LICHT, WASCHMASCHINE UND VERFAHREN ZUR BESTRAHLUNG MIT UV-LICHT

Title (fr)

DISPOSITIF D'IRRADIATION AVEC UNE LUMIÈRE UV, MACHINE À LAVER ET PROCÉDÉ D'IRRADIATION AVEC UNE LUMIÈRE UV

Publication

EP 3502337 B1 20240501 (EN)

Application

EP 17209238 A 20171221

Priority

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Abstract (en)

[origin: EP3502337A1] A device for irradiation of fluid with UV light having for disinfection purposes has a fluid passage for fluid flowing through it, at least one UV light source being arranged within the fluid passage and an energy source for the UV light source being arranged completely outside the fluid passage. Energy transfer means are provided for the wireless and contactless transmission of energy from the energy source to the at least one UV light source. This energy transmission can be inductively, such that the UV light source is activated directly or via an oscillating circuit. The energy transmission can also take place with microwaves. The device can be integrated into a washing machine with UV light sources inside a drum.

IPC 8 full level

D06F 39/08 (2006.01); **D06F 35/00** (2006.01); **D06F 39/00** (2024.01); **D06F 37/42** (2006.01)

CPC (source: EP US)

D06F 35/008 (2013.01 - EP US); **D06F 39/00** (2013.01 - EP US); **D06F 39/085** (2013.01 - EP US); **D06F 37/42** (2013.01 - EP US)

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Cited by

CN112575530A; CN113417117A; CN113493998A; CN113279204A

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DOCDB simple family (publication)

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