

Title (en)
ULTRAVIOLET TRANSMITTER FOR HAEMODIALYSIS

Title (de)
UV-STRAHLER FÜR DIE HAEMODIALYSE

Title (fr)
EMETTEUR D'UV POUR L'HEMODIALYSE

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Application
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Abstract (en)
[origin: WO9962573A1] The invention relates to a device for treating liquids linked to haemodialysis of patients. The inventive device has a housing (10) with a UV burner (20, 21). A plurality of liquid conduits (11, 12, 13) that are made from a material that is permeable to ultraviolet radiation are grouped together with external connections for the supply and removal of liquids around the burner(s) (20, 21), whereby the liquid flowing therethrough is immediately disinfected and made free of endotoxin and pyrogen. The conduits (11, 12, 13) are crossflowed by osmotic water, permeate, treated dialysate, used dialysate prior to disposal (waste water), and optionally bypass dialysate in the online haemodialysis method.

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