

Title (en)

BALLAST DEVICE FOR UV EMITTER AND METHOD AND DEVICE FOR DISINFECTION OF WATER

Title (de)

VORSCHALTGERÄT FÜR UV-STRAHLER SOWIE VERFAHREN UND VORRICHTUNG ZUR DESINFEKTION VON WÄSSERN

Title (fr)

BALLAST POUR EMETTEUR DE RAYONNEMENT U.V., PROCEDE ET DISPOSITIF DE STERILISATION DES EAUX

Publication

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Application

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Abstract (en)

[origin: WO02076153A1] The invention relates to a novel ballast device for pre-heating, starting and operating at least one UV emitter, constructed in the form of a gas discharge lamp with two heating coils lying opposite each other in relation to a gas discharge path, whereby four electrical connections are provided in total for each of such gas discharge paths, namely two for each heating coil. According to the invention, switching means are provided for a parallel switching of both of said connectors of a heating coil, dependent upon operating conditions. A capacitive loading of the ballast device is thus avoided by means of the otherwise open connector line for the heating coil and the current feed to the coils is evenly distributed.

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