

Title (en)  
DEVICE FOR UV-IRRADIATION OF A FLOWING MEDIUM

Title (de)  
VORRICHTUNG ZUR UV-BESTRAHLUNG EINES STRÖMENDEN MEDIUMS

Title (fr)  
DISPOSITIF POUR APPLIQUER UN RAYONNEMENT UV À UN MILIEU EN CIRCULATION

Publication  
**EP 3353118 A1 20180801 (DE)**

Application  
**EP 16766552 A 20160916**

Priority  
• DE 102015218053 A 20150921  
• EP 2016071984 W 20160916

Abstract (en)  
[origin: CA2999365A1] The invention relates to a device for UV-irradiation of a flowing medium, particularly for disinfecting water, comprising a gas discharge lamp (20) that has a lamp tube (22) and emits UV radiation and longwave light, and a guide tube (18) which guides the flowing medium and separates it from said lamp tube (22). According to the invention, the guide tube (18) and/or the lamp tube (22) is coated on the outer face with an interference filter (28) that lets UV radiation in a first wavelength range through but not light in a second wavelength range.

IPC 8 full level  
**C02F 1/32** (2006.01); **H01J 61/38** (2006.01)

CPC (source: EP)  
**C02F 1/325** (2013.01); **H01J 9/20** (2013.01); **H01J 61/35** (2013.01); **H01J 61/40** (2013.01); **H01J 61/72** (2013.01); **C02F 2201/3223** (2013.01); **C02F 2201/3228** (2013.01); **C02F 2303/04** (2013.01); **C02F 2303/20** (2013.01)

Citation (search report)  
See references of WO 2017050656A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102015218053 A1 20170323**; CA 2999365 A1 20170330; CN 108349756 A 20180731; EP 3353118 A1 20180801; WO 2017050656 A1 20170330

DOCDB simple family (application)  
**DE 102015218053 A 20150921**; CA 2999365 A 20160916; CN 201680054912 A 20160916; EP 16766552 A 20160916; EP 2016071984 W 20160916