

Title (en)

DEVICE FOR THE PHOTOCHEMICAL TREATMENT OF POLLUTED WATER

Title (de)

VORRICHTUNG ZUR PHOTOCHEMISCHEN BEHANDLUNG VON VERUNREINIGTEM WASSER

Title (fr)

DISPOSITIF DE TRAITEMENT PHOTOCHIMIQUE D'EAU CONTAMINÉE

Publication

EP 3134351 A1 20170301 (DE)

Application

EP 15718364 A 20150424

Priority

- DE 102014207688 A 20140424
- EP 2015058959 W 20150424

Abstract (en)

[origin: WO2015162264A1] The invention relates to a device (10) for the photochemical treatment or purification of polluted water. Said device (10) comprises at least one flow channel (16) for guiding the polluted water, which is defined at least in sections by a UV light output face (14) of least one of the UV-light generating bodies (12). The at least one flow channel (16) can comprise swirling elements (22; 24; 26; 28; 30) for the polluted water.

IPC 8 full level

C02F 1/32 (2006.01)

CPC (source: EP US)

C02F 1/325 (2013.01 - EP US); **C02F 2201/3228** (2013.01 - EP US); **C02F 2201/328** (2013.01 - EP US); **C02F 2303/04** (2013.01 - US)

Citation (search report)

See references of WO 2015162264A1

Citation (examination)

EP 0254111 A1 19880127 - BBC BROWN BOVERI & CIE [CH]

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)

WO 2015162264 A1 20151029; DE 102014207688 A1 20151029; EP 3134351 A1 20170301; US 2017144898 A1 20170525

DOCDB simple family (application)

EP 2015058959 W 20150424; DE 102014207688 A 20140424; EP 15718364 A 20150424; US 201515306298 A 20150424