

Title (en)
APPARATUS AND METHOD FOR TREATING LIQUIDS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG VON FLÜSSIGKEITEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE TRAITEMENT DE LIQUIDES

Publication
EP 4367066 A1 20240515 (DE)

Application
EP 21745213 A 20210709

Priority
AT 2021060246 W 20210709

Abstract (en)
[origin: WO2023279124A1] The present invention relates to an apparatus for treating liquids, in particular for reducing the bacterial count in water, comprising a flow-through region (3) located between an inflow opening (1) and an outflow opening (2), wherein at least one flow-through gap (4) that reduces the flow cross section is provided in the flow-through region (3), wherein the flow-through gap (4) is formed between the outer periphery (5) of a first cavitation element (6) and the inner periphery (7) of a second cavitation element (8), and wherein the outer periphery (5) of the first cavitation element (6) and the inner periphery (7) of the second cavitation element (8) form geometric shapes concentric with each other.

IPC 8 full level
C02F 1/34 (2023.01); **B05B 1/18** (2006.01)

CPC (source: EP)
B05B 15/40 (2018.02); **C02F 1/34** (2013.01); **B05B 1/18** (2013.01); **C02F 2303/04** (2013.01); **C02F 2307/06** (2013.01)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2023279124 A1 20230112; EP 4367066 A1 20240515

DOCDB simple family (application)
AT 2021060246 W 20210709; EP 21745213 A 20210709