

Title (en)  
FLOATING BIOREACTOR

Title (de)  
SCHWIMMENDER BIOREAKTOR

Title (fr)  
BIORÉACTEUR FLOTTANT

Publication  
**EP 3448816 A4 20191002 (EN)**

Application  
**EP 17790008 A 20170329**

Priority  

- SE 1650586 A 20160429
- SE 2017050304 W 20170329

Abstract (en)  
[origin: WO2017188875A1] The present invention relates to a mobile, floating biofilm bioreactor for wastewater treatment, comprising a frame having an upper portion and a lower portion, at least one buoyant member attached to the upper portion of the frame such that the bioreactor remains afloat when submerged into wastewater, an aerator comprising, an air dispensing device arranged at the lower end of the rigid frame, a biofilm support media attached to the frame below the at least one buoyant member, wherein the biofilm support media comprises pipes having perforated walls arranged in an upright position alongside each other, said pipes forming a planar biofilm platform having an upper side and a lower side, said air dispensing device comprises a collar for provision of a desired distribution pattern of air bubbles, positioned in connection to the lower side of the biofilm platform.

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**Y02W 10/37** (2015.05 - EP)

Citation (search report)  

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CN115657459A

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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

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