

Title (en)
A FLUID AGITATOR DEVICE FOR FACILITATING DEVELOPMENT OF ALGAE OR MICRO-ALGAE IN TRAYS OR PHOTOBIOREACTORS

Title (de)
FLÜSSIGKEITSRÜHRER ZUR ENTWICKLUNG VON ALGEN ODER MIKROALGEN IN SCHALEN ODER FOTOBIOREAKTOREN

Title (fr)
DISPOSITIF D'AGITATION DE FLUIDES DESTINÉ À FACILITER LE DÉVELOPPEMENT DES ALGUES OU DES MICRO-ALGUES DANS LES PLATEAUX OU LES PHOTOBIORÉACTEURS

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Application
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Priority
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Abstract (en)
[origin: WO2012077081A1] A fluid agitator device for facilitating development of algae or micro-algae in trays (20) or photobioreactors, the device comprising at least an actuator device (2) having at least a photovoltaic module (3) destined to absorb a light radiation in order to produce electric energy and at least a motor (4) which is operatively connected to the photovoltaic module (3); and further comprising at least an agitator element (5) which is mobile and activatable by means of the motor (4) and is at least partly insertable in a tray (20) containing water or in a photobioreactor for moving algae or microalgae contained in the tray (20) or photobioreactor.

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