

Title (en)

PHOTOBIOREACTOR, IN PARTICULAR FOR GROWING AND DEVELOPING PHOTOSYNTHETIC AND HETEROTROPHIC MICRO-ORGANISMS

Title (de)

FOTOBIOREAKTOR, IM BESONDEREN ZUR ZÜCHTUNG UND ENTWICKLUNG FOTOSYNTHETISCHER UND HETEROTROPHER MIKROORGANISMEN

Title (fr)

PHOTOBIOREACTEUR, NOTAMMENT POUR LA CROISSANCE ET LE DEVELOPPEMENT DE MICROORGANISMES PHOTOSYNTHETIQUES ET HETEROTROPHES

Publication

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Application

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Abstract (en)

[origin: WO2010142870A2] The invention relates to a photobioreactor, in particular for growing and developing photosynthetic micro-organisms such as microalgae and cyanobacteria. The photobioreactor includes at least one reflector (101) arranged on one side of the photobioreactor and tubes arranged in a plurality of layers which follow one another in a direction (N) normal to the reflector at a central region thereof, each layer comprising a plurality of tubes. The tubes (1, 16, etc.) are preferably rectilinear and extend in a direction orthogonal to the normal direction (N), the reflector is cylindrical with a circular or oval section, and the layers are cylindrical with a circular or oval section and concentric.

IPC 8 full level

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