

Title (en)

ASSEMBLY AND METHOD FOR THE THREE-DIMENSIONAL DISTRIBUTION OF LIGHT IN A LIQUID MEDIUM

Title (de)

ANORDNUNG UND VERFAHREN ZUR DREIDIMENSIONALEN VERTEILUNG VON LICHT IN EINEM FLÜSSIGEN MEDIUM

Title (fr)

ENSEMBLE ET PROCÉDÉ DE RÉPARTITION TRIDIMENSIONNELLE DE LA LUMIÈRE DANS UN MILIEU LIQUIDE

Publication

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Application

EP 08758393 A 20080507

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- DE 102007050484 A 20071019

Abstract (en)

[origin: WO2008135276A2] The invention relates to an assembly and a method for the three-dimensional distribution of light in a liquid medium such as an algae suspension and/or for the production of biomass. Light, in particular sunlight, is conducted in a container filled with the medium, by means of fibre optics. The light is distributed three-dimensionally in the container. To achieve this, the fibre optics terminate in different areas inside the container. Alternatively or in addition, the light is introduced via gas bubbles, said gas being supplied in particular via hollow fibre optics.

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Citation (search report)

See references of WO 2008135276A2

Cited by

US11484835B2; WO2020130901A1

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