

Title (en)
ROTATING SOLAR PHOTOBIOREACTOR FOR USE IN THE PRODUCTION OF ALGAL BIOMASS FROM GASES, IN PARTICULAR CO₂-CONTAINING GASES

Title (de)
ROTIERENDER SOLAR-PHOTOBIOREAKTOR ZUR PRODUKTION VON ALGENBIOMASSE AUS INSBESONDERE KOHLENDIOXIDHALTIGEN GASEN

Title (fr)
PHOTO-BIOREACTEUR SOLAIRE ROTATIF POUR LA PRODUCTION DE BIOMASSE D'ALGUES A PARTIR NOTAMMENT DE GAZ CONTENANT DU DIOXYDE DE CARBONE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO9711154A1] The proposed solar photobioreactor for use in the production of algal biomass from gases, in particular CO₂-containing gases, is provided with a frame (32) which carries a gas-permeable algal substrate (48) which can rotate about an axis (62) of rotation and can be exposed to predominantly laterally incident diffuse or direct sunlight. A drive unit (54) is provided for rotating the algal substrate (48) and a nutrient medium feed device (64) is provided for applying a nutrient medium to the algal substrate (48).

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C12M 1/00

IPC 8 full level
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CPC (source: EP)
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