

Title (en)  
ROTATING SOLAR PHOTOBIOREACTOR FOR USE IN THE PRODUCTION OF ALGAL BIOMASS FROM GASES, IN PARTICULAR CO<sub>2</sub>-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  
**EP 0852616 A1 19980715 (DE)**

Application  
**EP 96932584 A 19960921**

Priority  

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- DE 19623711 A 19960614
- EP 9604135 W 19960921

Abstract (en)  
[origin: WO9711154A1] The proposed solar photobioreactor for use in the production of algal biomass from gases, in particular CO<sub>2</sub>-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).

IPC 1-7  
**C12M 1/00**

IPC 8 full level  
**A01G 33/00** (2006.01); **C12M 1/00** (2006.01); **C12M 1/06** (2006.01); **C12N 1/12** (2006.01)

CPC (source: EP)  
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See references of WO 9711154A1

Cited by  
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