

Title (en)

TRANSGENICALLY PREVENTING ESTABLISHMENT AND SPREAD OF TRANSGENIC ALGAE IN NATURAL ECOSYSTEMS

Title (de)

TRANSGENE VERHINDERUNG DER ETABLIERUNG UND VERBREITUNG TRANSGENER ALGEN IN NATÜRLICHEN ÖKOSYSTEMEN

Title (fr)

PRÉVENTION DE MANIÈRE TRANSGÉNIQUE DE L'ÉTABLISSEMENT ET DE LA PROPAGATION D'ALGUES TRANSGÉNIQUES DANS DES ÉCOSYSTÈMES NATURELS

Publication

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Application

EP 09811866 A 20090908

Priority

- US 2009005067 W 20090908
- US 32268609 A 20090205
- US 19116708 P 20080905
- US 19116908 P 20080905
- US 19145308 P 20080909
- US 19244708 P 20080918
- US 27460809 P 20090819

Abstract (en)

[origin: WO2010027516A2] genetic mechanism for mitigating the effects of introgression of a genetically engineered genetic trait of cultivated algae or cyanobacteria to its wild type or to an undesirable, interbreeding related species. As well as preventing the establishment of the transgenic algae or cyanobacteria in natural ecosystems.

IPC 8 full level

C12P 21/06 (2006.01); **C12N 15/74** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

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Citation (search report)

- [Y] MAKINO AMANE ET AL: "Does decrease in ribulose-1,5-bisphosphate carboxylase by antisense RbcS lead to a higher N-use efficiency of photosynthesis under conditions of saturating CO₂ and light in rice plants?", PLANT PHYSIOLOGY, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD, US, vol. 114, no. 2, 1 January 1997 (1997-01-01), pages 483 - 491, XP002540220, ISSN: 0032-0889
- [Y] PARRY M A J ET AL: "Manipulation of Rubisco: the amount, activity, function and regulation", JOURNAL OF EXPERIMENTAL BOTANY, OXFORD UNIVERSITY PRESS, GB, vol. 54, no. 386, 1 May 2003 (2003-05-01), pages 1321 - 1333, XP002599744, ISSN: 0022-0957, [retrieved on 20030314], DOI: 10.1093/JXB/ERG141
- See references of WO 2010027516A2

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