

Title (en)

REDUCTION OF CHLOROPHYLL CONTENT IN OIL PLANT SEEDS

Title (de)

REDUKTION DES CHLOROPHYLLGEHALTES IN ÖLPFLANZENSAMEN

Title (fr)

REDUCTION DE LA TENEUR EN CHLOROPHYLLE DANS DES GRAINES DE PLANTES OLEAGINEUSES

Publication

EP 1025248 A1 20000809 (DE)

Application

EP 98954461 A 19981029

Priority

- DE 19747739 A 19971029
- DE 19752647 A 19971127
- EP 9806852 W 19981029

Abstract (en)

[origin: WO9922011A1] The invention relates to a method for the reduction of chlorophyll content in oil plant seeds, especially rape-seeds, based on the expression of chlorophyll synthesis antisense genes. The invention also relates to oil plant seeds which have a reduced chlorophyll content in relation to wild species of seeds. The invention further relates to the use of said seeds to obtain vegetable oil.

IPC 1-7

C12N 15/82; **C12N 15/61**; **C12N 15/52**; **C12N 5/10**; **C12N 9/90**; **C12N 9/00**; **A01H 5/00**

IPC 8 full level

C12N 9/00 (2006.01); **C12N 9/02** (2006.01); **C12N 9/90** (2006.01); **C12N 15/61** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C12N 9/00 (2013.01); **C12N 9/0004** (2013.01); **C12N 9/0069** (2013.01); **C12N 9/90** (2013.01); **C12N 9/93** (2013.01); **C12N 15/8242** (2013.01); **C12N 15/8243** (2013.01)

Citation (search report)

See references of WO 9922011A1

Designated contracting state (EPC)

DE DK GB NL SE

DOCDB simple family (publication)

WO 9922011 A1 19990506; AU 1156399 A 19990517; CA 2306205 A1 19990506; EP 1025248 A1 20000809

DOCDB simple family (application)

EP 9806852 W 19981029; AU 1156399 A 19981029; CA 2306205 A 19981029; EP 98954461 A 19981029