

Title (en)

GENETIC CONTROL OF FLOWERING USING THE FWA GENE

Title (de)

GENETISCHE BLÜHKONTROLLE MITTELS DES FWA GENS

Title (fr)

MODULATION GENETIQUE DE LA FLORAISON AU MOYEN DU GENE FWA

Publication

**EP 1196582 A1 20020417 (EN)**

Application

**EP 00946522 A 20000703**

Priority

- NL 0000465 W 20000703
- NL 9900414 W 19990702

Abstract (en)

[origin: WO0102572A1] This invention relates to the determination, cloning and expression of the flowering time gene FWA and the use of this gene to delay or accelerate flowering in a large variety of plant species. Specifically the gene that was determined is that of *Arabidopsis thaliana*. Naturally the invention extends to other plants as well. The proper timing of flowering is important in crop plants because it determines the moment that the crop can be harvested when crops are grown for their fruits and seeds. Early flowering is a disadvantage as this leads to reduce yields because insufficient vegetative mass is available. When crop plants flower too late, the harvest may take place too late in the season.

IPC 1-7

**C12N 15/29**; **C12N 15/82**; **C12N 5/10**; **C12Q 1/68**; **C07K 14/415**; **A01H 5/00**

IPC 8 full level

**C07K 14/415** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

**C07K 14/415** (2013.01); **C12N 15/8214** (2013.01)

Citation (search report)

See references of WO 0102573A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0102572 A1 20010111**; AU 4803799 A 20010122; AU 6026200 A 20010122; EP 1196582 A1 20020417; WO 0102573 A1 20010111

DOCDB simple family (application)

**NL 9900414 W 19990702**; AU 4803799 A 19990702; AU 6026200 A 20000703; EP 00946522 A 20000703; NL 0000465 W 20000703