

Title (en)
TRANSGENIC CARNATIONS EXHIBIT PROLONGED POST-HARVEST LIFE

Title (de)
TRANSGENE NELKEN MIT LÄNGERER LEBENSDAUER NACH DER ERNTE

Title (fr)
ILLETS TRANSGENIQUES PRESENTANT UNE VIE PROLONGEE APRES RECOLTE

Publication
EP 0824591 A1 19980225 (EN)

Application
EP 96911869 A 19960509

Priority

- AU 9600286 W 19960509
- AU PN286295 A 19950509

Abstract (en)
[origin: WO9635792A1] The present invention relates generally to transgenic plants which exhibit prolonged post-harvest life properties. More particularly, the present invention is directed to transgenic carnation plants modified to reduce expression of one or more enzymes associated with the ethylene biosynthetic pathway. Flowers of such carnation plants do not produce ethylene, or produce ethylene in reduced amounts, and are, therefore, capable of surviving longer post-harvest than flowers of non-genetically modified, naturally-occurring carnation plants.

IPC 1-7
C12N 15/53; **C12N 15/60**; **A01H 5/02**

IPC 8 full level
A01H 5/00 (2006.01); **C12N 9/02** (2006.01); **C12N 9/88** (2006.01); **C12N 15/09** (2006.01); **C12N 15/53** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)
C12N 9/0071 (2013.01); **C12N 9/88** (2013.01); **C12N 15/8205** (2013.01); **C12N 15/8249** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9635792 A1 19961114; AU PN286295 A0 19950706; EA 199700369 A1 19980625; EP 0824591 A1 19980225; EP 0824591 A4 19990512; JP H11504815 A 19990511

DOCDB simple family (application)
AU 9600286 W 19960509; AU PN286295 A 19950509; EA 199700369 A 19960509; EP 96911869 A 19960509; JP 53360896 A 19960509