

Title (en)

GENETICALLY MODIFIED PLANTS WITH ALTERED STARCH

Title (de)

GENETISCH VERÄNDERTE PFLANZEN MIT MODIFIZIERTER STÄRKE

Title (fr)

PLANTES GENETIQUEMENT MODIFIEES CONTENANT DE L'AMIDON MODIFIE

Publication

EP 1165802 A1 20020102 (EN)

Application

EP 00907849 A 20000309

Priority

- GB 0000848 W 20000309
- GB 9905698 A 19990312

Abstract (en)

[origin: WO0055331A1] Starch yield of wheat and maize plants grown under higher temperatures than control plants is increased by the introduction of a chimaeric gene comprising a glycogen synthase coding sequence under the control of a promoter directing expression and a terminator. A transit peptide for translocation of the glycogen synthase to the plant plastid may also be included in the chimaeric gene. The starch may also have altered processing characteristics, in particular an increased chain length.

IPC 1-7

C12N 15/54; **C12N 9/10**; **C12N 15/82**; **C12N 5/10**; **C08B 30/00**; **A23L 1/0522**

IPC 8 full level

C12N 9/10 (2006.01); **C12N 15/54** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)

C12N 9/1051 (2013.01); **C12N 15/8245** (2013.01)

Citation (search report)

See references of WO 0055331A1

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