

Title (en)

GENETICALLY MODIFIED WHEAT PLANTS AND PROGENY AND METHOD FOR PRODUCTION OF HYBRID WHEAT

Publication

EP 0577794 A4 19940706 (EN)

Application

EP 93901969 A 19930118

Priority

AU PL043692 A 19920116

Abstract (en)

[origin: WO9313649A1] The invention concerns genetically modified wheat plants and the progeny arising these plants, and also a method of producing hybrid wheat using these plants. The genetically altered wheat utilizes homoeologous pairing to add a fertility restorer chromosome which contains telomeric chromatin which is homologous to another wheat chromosome which bears a recessive male sterility gene. The fertility restorer chromosome contains a major portion of alien chromatin from other wheat species, and also contains a male fertility restorer gene, and one or more marker genes. The genetic makeup of the wheat plant in one preferred form can be described as: 20" + 4B(ms) + [4m (or 4th) - 4E<L> - 4B<L>]. These plants possess meiotic stability, and are used to produce hybrid wheat strains.

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A01H 1/02

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- See references of WO 9313649A1

Designated contracting state (EPC)

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