

Title (en)

SOYBEAN HAVING EPISTATIC GENES AFFECTING YIELD

Title (de)

SOJABOHNEN MIT EPISTATISCHEN GENEN, WELCHE DEN ERTRAG BEINFLUSSEN

Title (fr)

SOJA POSSEDANT DES GENES EPISTATIQUES INFLUENCANT LE RENDEMENT

Publication

EP 1006781 A1 20000614 (EN)

Application

EP 98920117 A 19980501

Priority

- US 9808866 W 19980501
- US 4542197 P 19970502
- US 7028198 A 19980430

Abstract (en)

[origin: WO9849887A1] A method of plant breeding applicable to self-pollinating plants, and plants produced by use of the method, includes the use of molecular markers linked to interacting loci that affect traits of agronomic value. The method allows one to identify a first molecular marker linked to a quantitative trait locus (QTL) and a second molecular marker linked to a modifying locus having an epistatic effect in combination with the QTL. Conventional breeding steps can then be used to introgress the interacting loci into other plant varieties.

IPC 1-7

A01H 1/02; **A01H 5/00**; **A01H 5/10**

IPC 8 full level

A01H 1/04 (2006.01); **A01H 5/10** (2018.01); **C12Q 1/68** (2006.01)

CPC (source: EP US)

A01H 5/10 (2013.01 - EP US); **A01H 6/542** (2018.04 - EP US); **C12Q 1/6895** (2013.01 - EP); **C12Q 2600/13** (2013.01 - EP); **C12Q 2600/156** (2013.01 - EP)

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US 9808866 W 19980501; AR P980102065 A 19980504; BR 9809203 A 19980501; CA 2288991 A 19980501; CN 98804732 A 19980501; EP 98920117 A 19980501