

Title (en)
NOVEL PLANTS AND PROCESSES FOR OBTAINING THEM

Title (de)
NEUE PFLANZEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
NOUVELLES PLANTES ET LEUR PROCEDE D'OBTENTION

Publication
EP 0802720 A4 19990113 (EN)

Application
EP 95924622 A 19950620

Priority

- US 9507828 W 19950620
- US 26392194 A 19940621
- US 34660294 A 19941129
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Abstract (en)
[origin: WO9535026A1] The invention relates to a transgenic or mutated plant having genomic material which alters the normal starch synthesis pathway within the plant. More specifically, the present invention relates to a plant having a genotype which creates new forms of starch in significant quantity. Particularly, the invention relates to grain having an embryo with a genotype heterozygous for two or more wild type genes (for example, Aa/Bb) and an endosperm having a genotype heterozygous for such genes (for example, AAa/BBb or AAa/bbB or aaA/BBb or aaA/bbB) and the starch produced therefrom.

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Citation (search report)

- [A] AU 631403 B2 19921126
- [AP] WO 9422291 A1 19941013 - DU PONT [US]
- [A] SANDERS, E.B. ET AL.: "thermal behavior during gelatinization and amylopectin fine structure for selected maize genotypes as expressed in four inbred lines", CEREAL CHEMISTRY, vol. 67, no. 6, 1990, pages 594 - 602, XP002081704
- [A] FUWA, H. ET AL.: "Chain lenght distribution of amylopectins of double and triple mutants containing the waxy gen in the inbred OH43 Maize background", STARCH/STAERKE, vol. 39, no. 9, 1987, pages 295 - 298, XP002081705
- See references of WO 9535026A1

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