

Title (en)

BRASSICA PLANT FOR RESTORING FERTILITY IN AN OGURA CYTOPLASMIC MALE-STERILITY SYSTEM, METHOD FOR PRODUCING SAME, AND USE OF SAID PLANT

Title (de)

KOHLPFLANZE ZUR WIEDERHERSTELLUNG DER FRUCHTBARKEIT BEI EINEM ZYTOPLASMATISCHEN OGURA-SYSTEM FÜR MÄNNLICHE STERILITÄT, HERSTELLUNGSVERFAHREN DAFÜR UND VERWENDUNG DIESER PFLANZE

Title (fr)

PLANTE BRASSICA RESTAURATRICE DE FERTILITE DANS UN SYSTEME DE STERILITE MÂLE CYTOPLASMIQUE OGURA, PROCEDE DE PRODUCTION ET UTILISATION DE CETTE PLANTE

Publication

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Application

EP 10740621 A 20100803

Priority

- FR 0955446 A 20090803
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Abstract (en)

[origin: WO2011020698A1] This invention relates to a Brassica plant having low glucosinolate and erucic acid contents, the genome of which includes a DNA fragment containing the Rf gene for restoring male fertility for Ogura cytoplasmic male-sterility, and the genome of which does not have the radish allele of the E33M47 marker defined by the pair of nucleotide primers consisting of the sequence SEQ ID No. 1 and/or at least one sequence comprising at least 12 consecutive nucleotides of the sequence SEQ ID No. 1, as well as of the sequence SEQ ID No. 2 and/or at least one sequence comprising at least 12 consecutive nucleotides of the sequence SEQ ID No. 2. The invention relates to a hybrid plant obtained by crossbreeding a plant described herein as the male parent and another plant, Brassica Ogura CMS, as the female parent, as well to the method for producing such a plant. The invention also relates to the seeds and offspring of all the above-mentioned plants, as well as to the use of the above-mentioned plants for use in food, preferably in the production of oil and/or in the production of oil-cakes.

IPC 8 full level

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CPC (source: EP US)

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