

Title (en)

STRICT SELF POLLINATING PLANTS WITH MODIFIED FLOWER MORPHOLOGY

Title (de)

STRENG SELBSTBESTÄUBENDE PFLANZEN MIT MODIFIZIERTER BLUMENMORPHOLOGIE

Title (fr)

PLANTES SE REPRODUISANT PAR STRICTE POLLINISATION, DONT LA FLEUR PRESENTE UNE MORPHOLOGIE MODIFIEE

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Application

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Abstract (en)

[origin: WO9955143A1] The invention relates to a method for producing fusion plants for use in obtaining plants suitable for cross-pollination, comprising of preparing protoplasts of a first parent plant and protoplasts of a second parent plant, fusing the first protoplasts with the second protoplasts so as to obtain a fusion product, and regenerating fusion plants from the fusion product, wherein at least one of the two parent plants possesses one or more traits favourable for cross-pollination, at least one of which is expressed in the fusion plant. Such traits favourable for cross-pollination comprise for instance at least a flower size and/or flower contour attractive to insects. The method according to the invention can for instance be applied for lettuce. The produced fusion plants and seed thereof can be used in the production of plants suitable for cross-pollination, hybrid plants and seed.

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