

Title (en)  
PLANT FATTY ACID SYNTHASES.

Title (de)  
PFLANZENFETTSÄUREN-SYNTHASEN.

Title (fr)  
SYNTHASES D'ACIDES GRAS VEGETALES.

Publication  
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Application  
**EP 94900499 A 19931102**

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Abstract (en)  
[origin: WO9410189A1] By this invention, compositions and methods of use related to beta -ketoacyl-ACP synthase, hereinafter also referred to as "synthase", are provided. Also of interest are methods and compositions of amino acid and nucleic acid sequences related to biologically active plant synthase(s) factors. Amino acid and nucleic acid for synthase protein factors are provided, as well as methods to utilize such sequences in constructs for production of genetically engineered plants having altered fatty acid compositions. In addition, uses of non-plant synthase proteins in plant genetic engineering methods are also considered.

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CPC (source: EP)  
**C12N 9/1029** (2013.01); **C12N 15/8247** (2013.01)

Citation (search report)  
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• [PX] WO 9310240 A1 19930527 - DU PONT [US]  
• [Y] WO 9113972 A1 19910919 - CALGENE INC [US]  
• [Y] WO 9116421 A1 19911031 - CALGENE INC [US]  
• [A] SOMERVILLE, C., ET AL.: "PLANT LIPIDS: METABOLISM, MUTANTS, AND MEMBRANES", SCIENCE, vol. 252, 5 April 1991 (1991-04-05), pages 80 - 87, XP002014300  
• See references of WO 9410189A1

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