

Title (en)

ENGINEERING BETA-KETOACYL ACP SYNTHASE FOR NOVEL SUBSTRATE SPECIFICITY

Title (de)

MANIPULATION VON BETA-KETOACYL SYNTHASE FÜR NEUE SUBSTRATSPEZIFITÄT

Title (fr)

MISE AU POINT DE LA SYNTHASE DE BETA-CETOACYL ACP AYANT UNE NOUVELLE SPECIFICITE DE SUBSTRAT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0075343A2] Methods of altering substrate specificity of beta-ketoacyl-ACP synthase, and engineered beta-ketoacyl-ACP synthases so produced are provided. DNA sequences and constructs for expression of engineered beta-ketoacyl-ACP synthases, as well as the novel beta-ketoacyl-ACP synthases produced therefrom are also provided. Such DNA sequences may be used for expression of the engineered beta-ketoacyl-ACP synthases in host cells, particularly seed cells of oilseed crop plants, for the modification of fatty acid composition.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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See references of WO 0075343A2

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