

Title (en)

RECOMBINANT YEAST CAPABLE OF PRODUCING CAFFEIC ACID AND/OR FERULIC ACID

Title (de)

REKOMBINANTE HEFE ZUR HERSTELLUNG VON KAFFEESÄURE UND/ODER FERULASÄURE

Title (fr)

LEVURE RECOMBINANTE CAPABLE DE PRODUIRE DE L'ACIDE CAFEIQUE ET/OU DE L'ACIDE FERULIQUE

Publication

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Application

**EP 20816552 A 20201106**

Priority

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Abstract (en)

[origin: WO2021089961A1] The present invention concerns a recombinant microorganism, preferably a recombinant yeast, capable of producing caffeic acid, comprising a heterologous gene coding for an enzyme of the hydrolase family capable of breaking, preferably hydrolysing, the caffeoyl-shikimate bond in order to produce caffeic acid from caffeoyl-shikimate. The microorganism, preferably said recombinant yeast, may also be capable of producing ferulic acid from the caffeic acid obtained. The present invention also concerns a method for producing caffeic acid and a method for producing caffeic acid and/or ferulic acid, using microorganisms, preferably yeasts, according to the invention. Finally, the invention also concerns the use of microorganisms, preferably yeasts, according to the invention in order to produce caffeic acid and/or ferulic acid.

IPC 8 full level

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