

Title (en)

BIOLOGICAL TAGATOSE PRODUCTION BY RECOMBINANT ESCHERICHIA COLI

Title (de)

BIOLOGISCHE TAGATOSEHERSTELLUNG DURCH REKOMBINANTE ESCHERICHIA COLI

Title (fr)

PRODUCTION DE TAGATOSE BIOLOGIQUE PAR ESCHERICHIA COLI RECOMBINE

Publication

**EP 1095153 A1 20010502 (EN)**

Application

**EP 99954465 A 19991104**

Priority

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Abstract (en)

[origin: WO0068397A1] This invention relates to a recombinant *Escherichia coli* and a process for producing D-tagatose. In detail, it includes the construction of recombinant *E.coli* harboring L-arabinose isomerase, whole-cell conversion of D-galactose into D-tagatose by recombinant *E.coli* expressing L-arabinose isomerase, enzymatic production of D-tagatose by the extract of recombinant *E.coli* expressing L-arabinose isomerase, and bioconversion by immobilized L-arabinose isomerase.

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IPC 8 full level

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Citation (search report)

See references of WO 0068397A1

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