Title (en)

MOLECULAR DESIGN OF GLUCOSE SENSORS IN GLUCOSE-RESPONSIVE INSULIN ANALOGUES

Title (de)

MOLEKULARER ENTWURF VON GLUCOSESENSOREN IN AUF GLUCOSE REAGIERENDEN INSULINANALOGA

Title (fr)

CONCEPTION MOLÉCULAIRE DE CAPTEURS DE GLUCOSE DANS DES ANALOGUES D'INSULINE SENSIBLES AU GLUCOSE

Publication

EP 4334338 A1 20240313 (EN)

Application

EP 22799444 A 20220503

Priority

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- US 2022027504 W 20220503

Abstract (en)

[origin: WO2022235691A1] A two-chain insulin analogue is provided containing (a) a B chain modified by the addition of a C-terminal diol element in combination with (b) a glucose-binding element attached to the A chain at or near its N terminus, optionally linked to a D-amino acid. A "flipped" set of insulin analogues wherein the A chain is modified by addition of an N-terminal diol element whereas the glucose-binding element is attached at or near the C terminus of the B chain is also provided. Compositions comprising such insulin analogues are used in methods of treating a patient with diabetes mellitus.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2022235691A1

Designated contracting state (EPC)

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