

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

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