

Title (en)

METHOD FOR PRODUCING PEPTIDES OR PROTEINS OR PEPTIDOMIMETICS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PEPTIDEN ODER PROTEINEN ODER PEPTIDOMIMETIKA

Title (fr)

METHODE DE PRODUCTION DE PEPTIDES OU PROTEINES OU PEPTIDOMIMETIQUES

Publication

**EP 3962922 A1 20220309 (FR)**

Application

**EP 20730450 A 20200504**

Priority

- FR 1904604 A 20190502
- FR 2020000158 W 20200504

Abstract (en)

[origin: WO202221970A1] A process for synthesizing peptides or proteins or peptidomimetics by successive elongation, with units, of the second end (primary or secondary amine function, hydroxyl function or thiol function) of a peptide or protein or peptidomimetic chain, characterized in that: said units are selected from the group made up of:  $\alpha$ ,  $\beta$  or  $\gamma$ -amino acids,  $\alpha$ ,  $\beta$  or  $\gamma$ -hydroxy acids and  $\alpha$ ,  $\beta$  or  $\gamma$ -mercapto acids (natural or unnatural or synthetic), the molecules having at least two functional groups; - the first end of said peptide or protein or peptidomimetic is bonded by a covalent bond to an anchoring molecule that is soluble in organic solvents such as halogenated solvents (methylene chloride, chloroform), ethyl acetate, tetrahydrofuran, 2-methyltetrahydrofuran, isooctane, cyclohexane, hexane(s), methylcyclohexane or methyl tert-butyl ether, or aromatic solvents such as benzene or toluene, or any other suitable solvent.

IPC 8 full level

**C07K 1/04** (2006.01); **C07K 1/06** (2006.01); **C07K 7/06** (2006.01)

CPC (source: CN EP IL US)

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**C07K 1/063** (2013.01 - CN EP IL US); **C07K 7/06** (2013.01 - CN EP IL); **Y02P 20/55** (2015.11 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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