

## Title (en)

FUNCTIONALISED POLYGLYCINE-POLY(ALKYLENE IMINE)-COPOLYMERS, THE PREPARATION THEREOF AND USE THEREOF FOR PREPARING FORMULATIONS OF OR FOR COMPLEXING ANIONIC ACTIVE INGREDIENTS AND EFFECT SUBSTANCES

## Title (de)

FUNKTIONALISIERTE POLYGLYCIN-POLY(ALKYLENIMIN)-COPOLYMERE, DEREN HERSTELLUNG UND VERWENDUNG ZUR HERSTELLUNG VON FORMULIERUNGEN ODER ZUR KOMPLEXIERUNG ANIONISCHER WIRKSTOFFE UND EFFEKTSTOFFE

## Title (fr)

COPOLYMÈRES DE POLYGLYCINE-POLY(ALKYLÈNE IMINE) FONCTIONNALISÉS, PRÉPARATION ASSOCIÉE ET UTILISATION CORRESPONDANTE POUR LA PRÉPARATION DE FORMULATIONS DE OU POUR LA COMPLEXATION D'INGRÉDIENTS ACTIFS ANIONIQUES ET DE SUBSTANCES À EFFET

## Publication

**EP 4247874 A1 20230927 (DE)**

## Application

**EP 21815364 A 20211119**

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## Abstract (en)

[origin: WO2022106048A1] The invention relates to copolymers containing structural units of formula (I), formula (II) and formula (III) -NR1-CHR3-CHR4- (I) -NH-CO-CHR7- (II) -NH-CHR9-CHR10- (III), or structural units of formula (IV), formula (V) and formula (VI) -NR1-CHR3-CHR4-CHR5- (IV), -NH-CO-CHR7-CHR8- (V), -NH-CHR9-CHR10-CHR11- (VI), in which R1 represents a group of the formula -CO-R2, the formula -CO-NH-R2, the formula -CH2-CH(OH)-R12 or the formula -CH2-CH(NH2)-R12, R3, R4, R5, R7, R8, R9, R10 and R11 independently of one another represent hydrogen, methyl, ethyl, propyl or butyl, and R2 and R12 are hydrogen or selected organic groups. These copolymers are characterised by good decomposability and can be used for example for preparing active-ingredient formulations or for complexing anionic active ingredients or effect substances.

## IPC 8 full level

**C08G 69/04** (2006.01); **C08G 69/10** (2006.01); **C08G 69/48** (2006.01); **C08G 73/02** (2006.01)

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## DOCDB simple family (application)

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