

Title (en)

Oil-in-water emulsions stabilised with recombinant collagen-like material

Title (de)

Öl in Wasser Emulsionen stabilisiert mit rekombinantem kollagenartigem Material

Title (fr)

Emulsions huile dans l'eau stabilisées par matériel analogue au collagène recombinant

Publication

EP 1063565 A1 20001227 (EN)

Application

EP 00202206 A 20000623

Priority

- EP 00202206 A 20000623
- EP 99202047 A 19990624

Abstract (en)

The invention provides oil-in-water emulsions comprising recombinant collagen-like polymer in an amount sufficient to act as stabiliser of the emulsion. The polymer is especially a polypeptide which is free of helix structure, has an isoelectric point at least 0,5 pH units removed from the pH of the oil-in-water emulsion. Furthermore, amphiphilic recombinant collagen-like polymers are provided for use in oil-in-water emulsions. The amphiphilic polymers are polar at one end as a result of a relative abundance of polar amino acids, and apolar at the other end as a result of a relative abundance of apolar amino acids.

IPC 1-7

G03C 1/005; **G03C 7/388**; **C07K 14/78**

IPC 8 full level

G03C 1/005 (2006.01)

CPC (source: EP)

G03C 1/005 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 1063565 A1 20001227; **EP 1063565 B1 20051228**

DOCDB simple family (application)

EP 00202206 A 20000623