

Title (en)

COLLAGEN PEPTIDE FRACTION AND ITS USES

Title (de)

KOLLAGEN PEPTID FRAKTION UND DEREN VERWENDUNG

Title (fr)

FRACTION PEPTIDIQUE DE COLLAGENE ET SES UTILISATIONS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9641817A1] It was found that a collagen peptide fraction (CPF) of especially porcine collagen >70 %, especially >80 %, of which have an average molecular weight of 8-30 kDa, a hydroxyproline content of 15-19 %, a proline content of 18-22 % and a glycine content of 27-33 % which is stable at temperatures up to 150 DEG C, and shows a viscosity of 2.0 to 3.0 cSt [mm<2>/sec] at a concentration of 10 % in water and an UV absorbance at 280 nm of 0.6 to 1.8 has a surprising stabilising effect on protein and polypeptides in freeze dried form and in solution. CPF-stabilised proteins and polypeptide drugs can be used during long term infusion or for topical, nasal or transdermal application.

IPC 1-7

C07K 14/78; **A61K 47/42**; **G01N 33/543**

IPC 8 full level

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