CLAIMS

1. A skin renewing and healing mixture of peptide components characterized by the fact, that it comprises a spirocyclic diketopiperazine peptide consisting of 2 to 40 amino acids and arginine amino acid and cysteine amino acid, where the skin renewing and healing mixture of peptide components is included in matrix.

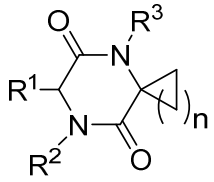
2. The skin renewing and healing mixture of peptide components according to claim 2 characterized by the fact, that it comprises a linear peptide consisting of 2 to 40 amino acids.

3. The skin renewing and healing mixture of peptide components according to claim 2 characterized by the fact, that the linear peptide consisting of 2 to 40 amino acids is a metalocomplex peptide.

4. The skin renewing and healing mixture of peptide components according to claim 3 characterized by the fact, that the metalocomplex peptide is Cu-GHK.

5. The skin renewing and healing mixture of peptide components according to claim 2 characterized by the fact, that the linear peptide is selected from the group with the following sequence of amino acids: GHK, Cu-GHK, Zn-GHK, DAHK, Pal-GHK, GEKG, HGEGTFTSDLSKQMEEEAVRLFIEWLKNGGPSSGAPPPS.

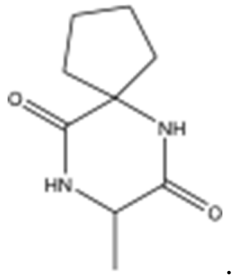
6. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the spirocyclic diketopiperazine peptide has a general formula



n = 1-6

R^1 = -CH_3, -CH_2CH_3, -$(CH_2)_2CH_3$, -$(CH_2)_7CH_3$
R^2 = -H, -CH_3, -CH_2CH_3, -$(CH_2)_7CH_3$
R^3 = -H, -CH_3, -CH_2CH_3, -$(CH_2)_7CH_3$, -$(CH_2)_{17}CH_3$.

7. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the spirocyclic diketopiperazine peptide is Alaptid – 8-methyl-6,9-diazaspiro[4.5]decane-7,10-dione with the following structural formula



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8. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the matrix is a protein or fat or saccharide or synthetic polymeric matrix or a mixture thereof and the skin renewing and healing mixture is included in the matrix in the quantity ranging from 0.001 to 50 mg per gram of matrix.

9. The skin renewing and healing mixture of peptide components according to claim 13 characterized by the fact, that it is included in the matrix in the quantity ranging from 0.1 to 5 mg per gram of matrix.

10. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the matrix is protein matrix and comprises collagen.

11. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the matrix is saccharide matrix and comprises chitosan and/or hyaluronic acid.

12. The skin renewing and healing mixture of peptide components according to claim 1 characterized by the fact, that the matrix is fat matrix and comprises lecithin.

13. The skin renewing and healing mixture of peptide components according to claim 13 characterized by the fact, that the synthetic polymeric matrix is synthetic polymeric matrix and comprises polyacryl amide.