

## Title (en)

PRODUCTION OF BIOADHESIVE PRECURSOR PROTEIN ANALOGS BY GENETICALLY-ENGINEERED ORGANISMS

## Publication

**EP 0304486 A4 19901205 (EN)**

## Application

**EP 88903582 A 19880311**

## Priority

US 2524387 A 19870312

## Abstract (en)

[origin: WO8807076A1] Recombinant production of bioadhesive precursor protein analogs is disclosed. The bioadhesive precursor protein analogs can be hydroxylated and used as an adhesive in wet environments.

## IPC 1-7

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## IPC 8 full level

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## Citation (search report)

- [YP] EP 0242656 A2 19871028 - BIO POLYMERS INC [US]
- [E] WO 8803953 A1 19880602 - GENEX CORP [US]
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- [XD] THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 258, no. 6, 14th March 1983, pages 2911-2915, US; J.H. WAITE: "Evidence for a repeating 3,4-dihydroxyphenylalanine- and hydroxyproline-containing decapeptide in the adhesive protein of the mussel, mytilus edulis L"
- [Y] BIOCHIM. BIOPHYS. ACTA 1986, vol. 872, nos. 1-2, pages 98-103; K. MARUMO et al.: "Optimization of hydroxylation of tyrosine and tyrosine-containing peptides by mushroom tyrosinase"
- See references of WO 8807076A1

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## Designated contracting state (EPC)

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## DOCDB simple family (application)

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