

Title (en)  
PROCESS FOR PRODUCING PEPTIDES BY SPECIFIC CLEAVAGE OF FUSION PROTEINS WITH COLLAGENASES OBTAINED BY GENETIC ENGINEERING

Publication  
**EP 0393039 B1 19930707 (DE)**

Application  
**EP 88907257 A 19880829**

Priority  
DE 3731874 A 19870918

Abstract (en)  
[origin: DE3731874A1] Fusion proteins are disclosed having the formula (I)  $H_2N-Z_1-X-(Pro-Y-Gly)_n-Pro-Z_2-COOH$ , in which  $n \geq 2$ , X and Y are each of the 20 amino-acids determined by the genetic code, Z1 is a bacterial amino-acid sequence and Z2 is the target peptide composed of any desired amino-acids of the genetic code. Also disclosed are their production process and their enzymatic cleavage to form desired eukaryotic proteins.

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**C12N 15/62; C12N 15/66; C12P 21/00**

IPC 8 full level  
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Citation (examination)  
Proc. Natl. Acad. Sci. USA, vol. 81, pp. 4692-4696, August 1984, J. Germino et al.: "Rapid purification of a cloned gene product by genetic fusion and site-specific proteolysis"

Designated contracting state (EPC)  
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