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(54) **Title:** A COMPOSITION FOR WOUND HEALING AND USE THEREOF

(57) **Abstract:** The invention relates to a method for treatment of wound healing, comprising administering to a patient in need of such treatment with an effective amount of a polypeptide comprising amino acid sequence or a conservative variant thereof having EGF-like domain of thrombomodulin. The invention also relates to a composition for the use of accelerating wound healing, comprising a polypeptide comprising amino acid sequence or a conservative variant thereof having EGF-like domain of thrombomodulin.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: C12P 21/04(2006.01)

 USPC: 435/7.1
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 435/7.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 STN

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
y	McCARTHY D.W. ET AL. Production of Heparin-Binding Epidermal Growth Factor-Like Growth Factor (HB-EGF) at Sites of Thermal Injury in Pediatric Patients. The Journal of Investigative Dermatology, January 1996, Vol. 196, No.1, pages 49-56, see entire document.	1-3, 6-8
Y	BLOTNICK S. ET AL. T Lymphocyte synthesize and export heparin-binding epidermal growth factor-like growth factor and basic fibroblast growth factor, mitogens for vascular cells and fibroblasts: differential production and release by CD4+ and CD8+ T cells. PNAS, April 1994, Vol. 91, pages 2890-2894, see entire document.	1-21
X	SAMPOLI B.A. ET AL. Structure of the fifth EGF-like domain of thrombomodulin:an EDG-like domain with a Novel Disulfide bonding pattern. J. Molecular Biology, 1997, Vol.273, pages 913-926, see entire document.	1-21


Further documents are listed in the continuation of Box C. See patent family annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"O" document referring to an oral disclosure, use, exhibition or other means		
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