

Title (en)  
COMPOSITIONS AND METHODS FOR INHIBITING ENDOTHELIAL CELL PROLIFERATION

Title (de)  
ZUSAMMENSETZUNG UND VERFAHREN ZUR HEMMUNG DER PROLIFERATION VON ENDOTHELZELLEN

Title (fr)  
COMPOSITIONS ET PROCEDES D'INHIBITION DE LA PROLIFERATION DE CELLULES ENDOTHELIALES

Publication  
**EP 1242451 A2 20020925 (EN)**

Application  
**EP 00990940 A 20001215**

Priority  
• US 0034039 W 20001215  
• US 17100799 P 19991215  
• US 19356600 P 20000331

Abstract (en)  
[origin: WO0144294A2] Compositions and methods for regulating angiogenic activity wherein the compositions comprise proteins belonging to the family of kringle domain containing proteins and peptides and active fragments thereof are provided. More specifically, compositions and methods comprising kringle domain containing proteins and peptides such as hepatocyte growth factor (HGF) and/or macrophage stimulating protein (MSP), and biologically active fragments thereof are provided. HGF protein fragments of the present invention exhibit potent antiangiogenic activity on human and other animal cells, particularly endothelial cells. More particularly, compositions comprising HGF fragments, and/or HGF fragment homologs, may be combined with a pharmaceutically acceptable excipient or carrier and used to inhibit angiogenesis and angiogenesis-related diseases such as cancer, arthritis, macular degeneration, and diabetic retinopathy.

IPC 1-7  
**C07K 14/52**; **C07K 14/475**; **A61K 38/18**; **A61K 38/19**

IPC 8 full level  
**A61K 38/00** (2006.01); **A61K 38/18** (2006.01); **A61K 38/22** (2006.01); **A61P 1/00** (2006.01); **A61P 1/04** (2006.01); **A61P 7/04** (2006.01); **A61P 9/00** (2006.01); **A61P 9/10** (2006.01); **A61P 9/14** (2006.01); **A61P 17/02** (2006.01); **A61P 17/06** (2006.01); **A61P 17/12** (2006.01); **A61P 19/02** (2006.01); **A61P 27/02** (2006.01); **A61P 29/00** (2006.01); **A61P 31/04** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C12Q 1/02** (2006.01)

CPC (source: EP)  
**A61K 38/1833** (2013.01); **A61P 1/00** (2017.12); **A61P 1/04** (2017.12); **A61P 7/04** (2017.12); **A61P 9/00** (2017.12); **A61P 9/10** (2017.12); **A61P 9/14** (2017.12); **A61P 17/02** (2017.12); **A61P 17/06** (2017.12); **A61P 17/12** (2017.12); **A61P 19/02** (2017.12); **A61P 27/02** (2017.12); **A61P 29/00** (2017.12); **A61P 31/04** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12)

Citation (search report)  
See references of WO 0144294A2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0144294 A2 20010621**; **WO 0144294 A3 20020207**; AU 3074801 A 20010625; AU 784359 B2 20060316; CA 2394167 A1 20010621; EP 1242451 A2 20020925; JP 2003517007 A 20030520

DOCDB simple family (application)  
**US 0034039 W 20001215**; AU 3074801 A 20001215; CA 2394167 A 20001215; EP 00990940 A 20001215; JP 2001544782 A 20001215