

Title (en)

USE OF HMGB FRAGMENTS AS ANTI-INFLAMMATORY AGENTS

Title (de)

VERWENDUNG VONHMGB-FRAGMENTEN ALS ENTZÜNDUNGSCHEMMENDE MITTEL

Title (fr)

UTILISATION DE FRAGMENTS HMGB EN TANT QU'AGENTS ANTI-INFLAMMATOIRES

Publication

**EP 1569684 A4 20060802 (EN)**

Application

**EP 03789973 A 20031120**

Priority

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- US 42784102 P 20021120
- US 42784602 P 20021120

Abstract (en)

[origin: WO2004046345A2] Compositions and methods are disclosed for inhibiting the release of a proinflammatory cytokine from a cell, and for inhibiting an inflammatory cytokine cascade in a patient. The compositions comprise an HMGB A box, and/or an antibody preparation that specifically binds to an HMGB B box, and/or an inhibitor of TNF biological activity. The methods comprise treating a cell or a patient with sufficient amounts of the composition to inhibit the release of the proinflammatory cytokine, or to inhibit the inflammatory cytokine cascade.

IPC 1-7

**A61K 39/00**; **C07K 7/00**; **A61K 38/00**

IPC 8 full level

**A61K 38/17** (2006.01); **C07K 14/47** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

**A61K 38/1709** (2013.01); **A61P 1/04** (2017.12); **A61P 1/18** (2017.12); **A61P 3/04** (2017.12); **A61P 9/00** (2017.12); **A61P 9/02** (2017.12); **A61P 11/00** (2017.12); **A61P 11/06** (2017.12); **A61P 17/02** (2017.12); **A61P 17/06** (2017.12); **A61P 19/00** (2017.12); **A61P 25/00** (2017.12); **A61P 29/00** (2017.12); **A61P 31/00** (2017.12); **A61P 31/04** (2017.12); **A61P 35/00** (2017.12); **A61P 37/04** (2017.12); **A61P 43/00** (2017.12); **C07K 14/47** (2013.01)

Citation (search report)

- [X] ROGALLA P ET AL: "Mapping and molecular characterization of five HMG1-related DNA sequences", CYTOGENETICS AND CELL GENETICS, vol. 83, no. 1-2, 1998, pages 124 - 129, XP009063822, ISSN: 0301-0171
- [X] DATABASE Geneseq [online] 6 October 2000 (2000-10-06), "Human secreted protein, SEQ ID NO: 7904.", XP002373264, retrieved from EBI accession no. GSN:AAG03823 Database accession no. AAG03823
- [A] DAILEY LISA ET AL: "Coevolution of HMG domains and homeodomains and the generation of transcriptional regulation by Sox/POU complexes", JOURNAL OF CELLULAR PHYSIOLOGY, vol. 186, no. 3, March 2001 (2001-03-01), pages 315 - 328, XP002373261, ISSN: 0021-9541
- [T] YANG HUAN ET AL: "Reversing established sepsis with antagonists of endogenous high-mobility group box 1.", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol. 101, no. 1, 6 January 2004 (2004-01-06), pages 296 - 301, XP002373262, ISSN: 0027-8424 & EP 1033401 A2 20000906 - GENSET SA [FR]
- See references of WO 2004046345A2

Designated contracting state (EPC)

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