

Title (en)
ANTI-CANCER VACCINES

Title (de)
IMPFSTOFFE GEGEN KREBS

Title (fr)
VACCINS ANTICANCER

Publication
EP 1660636 A4 20090701 (EN)

Application
EP 04782297 A 20040826

Priority
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• US 49823803 P 20030826

Abstract (en)
[origin: WO2005019435A2] The present provides tumor-associated HLA-restricted antigens, and in particular HLA-A2 restricted antigens, as vaccines for treating or preventing cancers in a patient. In specific aspects, there is proteinase 3 peptides are provided. Such peptides can be used to elicit specific CTLs that preferentially attack myeloid leukemia based on overexpression of the target protein cells.

IPC 8 full level
A61K 39/00 (2006.01); **A61P 35/02** (2006.01); **C07K 14/00** (2006.01); **C12N 5/07** (2010.01); **C12N 5/077** (2010.01); **C12N 5/0783** (2010.01); **C12N 5/0786** (2010.01); **C12N 5/09** (2010.01)

IPC 8 main group level
C12N (2006.01)

CPC (source: EP US)
A61K 39/001158 (2018.08 - EP US); **A61K 39/4611** (2023.05 - EP); **A61K 39/4621** (2023.05 - EP); **A61K 39/46434** (2023.05 - EP); **A61K 39/464458** (2023.05 - EP); **A61P 35/00** (2018.01 - EP); **A61P 35/02** (2018.01 - EP); **C07K 14/4748** (2013.01 - EP); **A61K 2239/38** (2023.05 - EP); **A61K 2239/48** (2023.05 - EP)

Citation (search report)
• [X] MOLLDREM J ET AL: "TARGETED T-CELL THERAPY FOR HUMAN LEUKEMIA: CYTOTOXIC T LYMPHOCYTES SPECIFIC FOR A PEPTIDE DERIVED FROM PROTEINASE 3 PREFERENTIALLY LYSE HUMAN MYELOID LEUKEMIA CELLS", BLOOD, AMERICAN SOCIETY OF HEMATOLOGY, US, vol. 88, no. 7, 1 October 1996 (1996-10-01), pages 2450 - 2457, XP000884740, ISSN: 0006-4971
• [X] MOLLDREM J J ET AL: "Evidence that specific T lymphocytes may participate in the elimination of chronic myelogenous leukemia", NATURE MEDICINE, NATURE PUBLISHING GROUP, NEW YORK, NY, US, vol. 6, no. 9, 1 September 2000 (2000-09-01), pages 1018 - 1023, XP002993663, ISSN: 1078-8956
• [X] MOLLDREM JEFFREY J ET AL: "Peptide Vaccination with PR1 Elicits Active T Cell Immunity That Induces Cytogenetic Remission in Acute Myelogenous Leukemia.", BLOOD, vol. 100, no. 11, 16 November 2002 (2002-11-16), & 44TH ANNUAL MEETING OF THE AMERICAN SOCIETY OF HEMATOLOGY; PHILADELPHIA, PA, USA; DECEMBER 06-10, 2002, pages Abstract No. 8, XP008106166, ISSN: 0006-4971

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2005019435 A2 20050303; **WO 2005019435 A3 20060629**; **WO 2005019435 A8 20060427**; AU 2004267506 A1 20050303; CA 2536654 A1 20050303; EP 1660636 A2 20060531; EP 1660636 A4 20090701; EP 1670899 A2 20060621; JP 2007504149 A 20070301; WO 2005035714 A2 20050421; WO 2005035714 A3 20090416

DOCDB simple family (application)
US 2004027790 W 20040826; AU 2004267506 A 20040826; CA 2536654 A 20040826; EP 04782297 A 20040826; EP 04809624 A 20040826; JP 2006524856 A 20040826; US 2004027792 W 20040826