

Title (en)

ADAPTER FOR COUPLING A SUBSTANCE WHICH IS TO BE COUPLED TO A CELL SURFACE

Title (de)

ADAPTER ZUM ANKOPPELN EINER AN EINER ZELLOBERFLÄCHE ANZUKOPPELNDEN SUBSTANZ

Title (fr)

ADAPTATEUR POUR COUPLER UNE SUBSTANCE A UNE SURFACE CELLULAIRE

Publication

EP 1685253 A2 20060802 (DE)

Application

EP 04804022 A 20041217

Priority

- EP 2004014419 W 20041217
- EP 03029139 A 20031218
- EP 04804022 A 20041217

Abstract (en)

[origin: EP1544305A1] Adapter (I) for coupling a substance (II) to the surface of a cell comprises: (a) a segment (Ia) that recognizes and binds to (II); and (b) a recombinant segment (Ib) for arranging (I) on the cell surface and having affinity for one or more negatively charged cell-surface structures. Independent claims are also included for: (1) nucleic acid (NA) including a sequence that encodes (I); (2) virus for expressing (I); (3) method for non-therapeutic coupling of (II) and (I); and (4) pharmaceutical for mediating and/or improving coupling of (II) to a cell comprising (I) and/or the virus of (2), plus a carrier.

IPC 8 full level

C12N 15/86 (2006.01); **A61K 47/48** (2006.01); **C12N 15/62** (2006.01)

CPC (source: EP)

A61K 47/6901 (2017.07); **A61P 35/00** (2017.12); **C12N 15/625** (2013.01)

Citation (search report)

See references of WO 2005059129A2

Citation (examination)

- WO 03050238 A2 20030619 - UNIV IOWA RES FOUND [US], et al
- WU HONGJU ET AL: "Double Modification of Adenovirus Fiber with RGD and Polylysine Motifs Improves Coxsackievirus-Adenovirus Receptor-Independent Gene Transfer Efficiency", HUMAN GENE THERAPY, vol. 13, 1 September 2002 (2002-09-01), pages 1647 - 1653

Designated contracting state (EPC)

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