

Title (en)
RECOMBINANT VECTOR WITH OPTIMIZED A-BULGE

Title (de)
REKOMBINANTER VEKTOR MIT OPTIMIERTER A-WÖLBUNG

Title (fr)
VECTEUR RECOMBINANT AYANT UN RENFLEMENT A OPTIMISÉ

Publication
EP 3030659 A1 20160615 (EN)

Application
EP 14835030 A 20140805

Priority
• US 201361862433 P 20130805
• US 2014049831 W 20140805

Abstract (en)
[origin: WO2015021077A1] The disclosure describes replication competent retroviral vectors (RCR) for gene therapy and gene delivery. The RCR includes an IRES sequence having 6-7 A's in A-bulge of the bifurcation region. The disclosure provides recombinant replication competent retrovirus comprising: a retroviral GAG protein; a retroviral POL protein; a retroviral envelope; a retroviral polynucleotide comprising Long-Terminal Repeat (LTR) sequences at the 3' end of the retroviral polynucleotide sequence, a promoter sequence at the 5' end of the retroviral polynucleotide.

IPC 8 full level
C12N 15/113 (2010.01)

CPC (source: EP)
A61P 19/02 (2017.12); **A61P 29/00** (2017.12); **A61P 35/00** (2017.12); **A61P 37/02** (2017.12); **A61P 43/00** (2017.12); **C12N 15/111** (2013.01); **C12N 2310/14** (2013.01); **C12N 2310/141** (2013.01); **C12N 2320/32** (2013.01); **C12N 2330/51** (2013.01)

Designated contracting state (EPC)
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Designated extension state (EPC)
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