

Title (en)

COMPOSITIONS AND METHODS FOR MODULATING GENE EXPRESSION

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN ZUR MODULATION VON GENEXPRESSION

Title (fr)

COMPOSITIONS ET PROCÉDÉS PERMETTANT DE MODULER L'EXPRESSION DES GÈNES

Publication

**EP 2015782 A2 20090121 (EN)**

Application

**EP 07760600 A 20070412**

Priority

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Abstract (en)

[origin: WO2007121326A2] A description of novel artificial transcription factors (ATFs) is provided having a non- peptidic DNA-binding domain, flexible linker, and an effector domain based on a small molecule compound. These ATFs are capable of modulating transcription from nucleic acids both in vitro and in vivo. Importantly, these novel ATFs are capable of targeting and modulating the transcription of native (endogenous) genes in vivo. Method for targeted regulation of gene expression and the development of new class of pharmaceuticals are also provided.

IPC 8 full level

**C12Q 1/68** (2006.01); **A61K 31/00** (2006.01); **A61K 38/00** (2006.01); **C12Q 1/02** (2006.01)

CPC (source: EP)

**A61K 47/64** (2017.07); **C12N 15/111** (2013.01); **C12N 15/1135** (2013.01); **C12N 2310/11** (2013.01); **C12N 2310/15** (2013.01); **C12N 2310/3513** (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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