

Title (en)  
INCREASING ERYTHROPOIETIN USING NUCLEIC ACIDS HYBRIDIZABLE TO MICRO-RNA AND PRECURSORS THEREOF

Title (de)  
ERHÖHUNG DES ERYTHROPOIETINSPIEGELS MITTELS VERWENDUNG VON MIT miRNA HYBRIDISIERBAREN NUKLEINSÄUREN UND VORLÄUFER DAVON

Title (fr)  
ACCROISSEMENT DE L'ÉRYTHROPOÏÉTINE UTILISANT DES ACIDES NUCLÉIQUES HYBRIDABLES À DE L'ARNMI ET LEURS PRÉCURSEURS

Publication  
**EP 2205741 A2 20100714 (EN)**

Application  
**EP 08836078 A 20081001**

Priority  
• US 2008011409 W 20081001  
• US 97701707 P 20071002

Abstract (en)  
[origin: WO2009045469A2] Methods and compositions relating to nucleic acids targeting certain miRNA molecules are disclosed. The nucleic acids are useful, for example, in methods of increasing the expression and/or secretion of EPO and treating various disease states including anemia, hemophilia, and/or sickle cell disease.

IPC 8 full level  
**C12N 15/113** (2010.01); **A61K 31/713** (2006.01)

CPC (source: EP)  
**A61P 7/04** (2017.12); **A61P 7/06** (2017.12); **A61P 43/00** (2017.12); **C12N 15/1136** (2013.01); **C12N 2310/11** (2013.01); **C12N 2310/315** (2013.01); **C12N 2310/317** (2013.01); **C12N 2310/321** (2013.01); **C12N 2310/3231** (2013.01)

Citation (search report)  
See references of WO 2009045469A2

Citation (examination)  
• WO 2007090073 A2 20070809 - ISIS PHARMACEUTICALS INC [US], et al  
• WO 2007095614 A2 20070823 - UNIV LOUISVILLE RES FOUND [US], et al  
• WO 2007095387 A2 20070823 - DHARMACON INC [US], et al  
• WANG QIANG ET AL: "MicroRNA miR-24 inhibits erythropoiesis by targeting activin type I receptor ALK4.", BLOOD 15 JAN 2008 LNKD-PUBMED:17906079, vol. 111, no. 2, 15 January 2008 (2008-01-15), pages 588 - 595, XP055127190, ISSN: 0006-4971, DOI: doi:10.1182/blood-2007-05-092718

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AL BA MK RS

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**US 2008011409 W 20081001**; AU 2008307482 A 20081001; CA 2700953 A 20081001; EP 08836078 A 20081001; JP 2010527987 A 20081001; JP 2013208910 A 20131004; MX 2010003465 A 20081001