

Title (en)

TARGETING NUCLEIC ACIDS IN THE MITOCHONDRIA

Title (de)

TARGETING VON NUKLEINSÄUREN IN MITOCHONDRIEN

Title (fr)

ADRESSAGE D'ACIDES NUCLÉIQUES DANS LES MITOCHONDRIES

Publication

**EP 2424572 A1 20120307 (FR)**

Application

**EP 10727040 A 20100427**

Priority

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Abstract (en)

[origin: WO2010125293A1] The invention relates to a shuttle system for importing nucleic acids of interest into a mitochondrion. The system is based on the use of a fusion protein between a mitochondrial targeting sequence and a protein binding a nucleic acid of interest. The shuttle system can be used, for example, in the field of agronomics, in the field of gene therapy, and in research projects for characterizing the function of mitochondrial genes.

IPC 8 full level

**A61K 48/00** (2006.01); **A01H 5/00** (2006.01); **C07K 14/005** (2006.01); **C07K 14/37** (2006.01); **C12N 9/06** (2006.01); **C12N 15/62** (2006.01); **C12N 15/82** (2006.01); **C12N 15/87** (2006.01)

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Citation (search report)

See references of WO 2010125293A1

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