

Title (en)
IN VIVO POLYNUCLEOTIDE DELIVERY CONJUGATES HAVING ENZYME SENSITIVE LINKAGES

Title (de)
KONJUGATE ZUR IN-VIVO-ABGABE VON POLYNUKLEOTIDEN MIT ENZYMEMPFFINDLICHEN BINDUNGEN

Title (fr)
CONJUGUÉS D'ADMINISTRATION DE POLYNUCLÉOTIDE IN VIVO AYANT DES LIAISONS SENSIBLES À DES ENZYMES

Publication
EP 2658579 A4 20150722 (EN)

Application
EP 11853858 A 20111228

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Abstract (en)
[origin: WO2012092373A2] The present invention is directed compositions for delivery of RNA interference (RNAi) polynucleotides to cells in vivo. The compositions comprise amphipathic membrane active polyamines reversibly modified with enzyme cleavable dipeptide-amidobenzyl-carbonate masking agents. Modification masks membrane activity of the polymer while reversibility provides physiological responsiveness. The reversibly modified polyamines (dynamic polyconjugate or DPC) are further covalently linked to an RNAi polynucleotide or co-administered with a targeted RNAi polynucleotide-targeting molecule conjugate.

IPC 8 full level
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CPC (source: EP KR RU)
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WO 2012092373 A2 20120705; WO 2012092373 A3 20131024; AU 2011352204 A1 20130502; AU 2011352204 B2 20150521; BR 112013014115 A2 20190924; CA 2816041 A1 20120705; CA 2816041 C 20190108; CL 2013001876 A1 20140411; CL 2015003580 A1 20160715; CN 103491982 A 20140101; CN 103491982 B 20170912; EP 2658579 A2 20131106; EP 2658579 A4 20150722; JP 2014505685 A 20140306; JP 5941926 B2 20160629; KR 20130136494 A 20131212; MX 2013007316 A 20130729; MX 341118 B 20160809; MX 347298 B 20170421; NZ 611656 A 20141031; PE 20140198 A1 20140221; RU 2013117286 A 20150310; RU 2619453 C2 20170516; SG 189942 A1 20130628; ZA 201302896 B 20140725

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