

Title (en)
NANOPARTICLES, METHOD FOR PRODUCING NANOPARTICLES AND USE OF THE SAME

Title (de)
NANOPARTIKEL, VERFAHREN ZU IHRER HERSTELLUNG UND IHRE VERWENDUNG

Title (fr)
NANOPARTICULES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

Publication
EP 1061904 A1 20001227 (DE)

Application
EP 99911744 A 19990306

Priority
• DE 19810965 A 19980313
• EP 9901452 W 19990306

Abstract (en)
[origin: DE19810965A1] Nanoparticles comprising a biocompatible, biodegradable polyelectrolyte complex consisting of a polycation, a polyanion and a biologically active agent are produced by crosslinking the polyelectrolyte complex during or after its formation. An Independent claim is also included for the production of the nanoparticles by combining the active agent in bound or unbound form with an aqueous polycation solution and an aqueous polyanion solution, if necessary converting the resulting polyelectrolyte complex into nanoparticulate form, and treating the nanoparticulate complex with a crosslinking agent.

IPC 1-7
A61K 9/51

IPC 8 full level
A61K 9/51 (2006.01); **A61K 47/30** (2006.01)

CPC (source: EP)
A61K 9/5161 (2013.01); **A61K 9/5192** (2013.01)

Citation (search report)
See references of WO 9947130A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19810965 A1 19990916; AU 3031899 A 19991011; CN 1292687 A 20010425; EP 1061904 A1 20001227; JP 2002506814 A 20020305; WO 9947130 A1 19990923

DOCDB simple family (application)
DE 19810965 A 19980313; AU 3031899 A 19990306; CN 99803733 A 19990306; EP 9901452 W 19990306; EP 99911744 A 19990306; JP 2000536370 A 19990306