

Title (en)
MATERIALS AND METHODS RELATING TO ENCAPSULATION

Title (de)
EINKAPSELUNGSMATERIALIEN UND -VERFAHREN

Title (fr)
MATERIAUX ET PROCEDES D'ENCAPSULATION

Publication
EP 1094792 A1 20010502 (EN)

Application
EP 99929581 A 19990706

Priority
• GB 9902159 W 19990706
• GB 9814619 A 19980706

Abstract (en)
[origin: WO0001373A1] A method for encapsulating a core material within a capsule having a permeable or semipermeable membrane is disclosed using a complex formation reaction between oppositely charged polymers, wherein one of the polymers is an oligosaccharide such as chitosan and the reaction is carried out at a pH between about 6.6. and 7.5. The method overcomes the poor solubility of such high molecular weight polysaccharides at neutral and alkaline pH, providing capsules having useful strength and permeability.

IPC 1-7
A61K 9/50; C12N 11/00

IPC 8 full level
A61K 9/50 (2006.01); **A61K 35/12** (2015.01)

CPC (source: EP)
A61K 9/5036 (2013.01); **A61K 9/5089** (2013.01); **A61K 2035/128** (2013.01)

Citation (search report)
See references of WO 0001373A1

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)
WO 0001373 A1 20000113; AU 4636699 A 20000124; EP 1094792 A1 20010502; GB 9814619 D0 19980902

DOCDB simple family (application)
GB 9902159 W 19990706; AU 4636699 A 19990706; EP 99929581 A 19990706; GB 9814619 A 19980706