

Title (en)

POLYALKYLCYANOACRYLATE NANOCAPSULES.

Title (de)

POLYALKYLCYANOACRYLAT NANOKAPSELN.

Title (fr)

NANOCAPSULES EN POLYALKYLCYANOACRYLATE.

Publication

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Application

**EP 93903290 A 19930215**

Priority

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Abstract (en)

[origin: WO9417789A1] Nanocapsules typically having a diameter in the range 150-400 nm are provided and consist of a phase enclosed in a polymeric shell formed of a network of polymers. The nanocapsules, can be used to encapsulate a wide range of water soluble active agents in high yield for delivery to a target system or locus, for example, drugs for use in therapy or prophylaxis. The nanocapsules can be formed by interfacial polymerisation of alkyl-2-cyanoacrylates in a two phase system consisting of immiscible water soluble polymers under polymerisation initiating conditions, resulting in encapsulation of the active agent within a polyalkylcyanoacrylate shell.

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