

Title (en)

IONICALLY AND COVALENTLY CROSSLINKED BIODEGRADABLE BARRIER FILMS OF IONOMER POLYMER

Publication

EP 0577627 A4 19940914 (EN)

Application

EP 92906040 A 19920103

Priority

US 67660791 A 19910328

Abstract (en)

[origin: WO9217422A1] An encapsulated water soluble fertilizer which comprises a polymeric film of about 2 to about 100 micrometers coated on a surface of said fertilizer, said polymeric film comprising a covalently crosslinked sulfonated polymer having about 10 to about 200 meq of sulfonate groups per 100 grams of said covalently crosslinked sulfonated polymer, said sulfonate groups being neutralized with a polycaprolactone polymer being characterized by formula (I) wherein R1 and R2 is an alkyl, cycloalkyl or aryl group; R3, R4, and R5 are a hydrogen or alkyl, cycloalkyl, or aryl groups; m equals 1 to 20 and n equals 1 to 500.

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C05B 1/00

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 9217422A1

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