

Title (en)  
LEACHING INHIBITION OF CROP TREATING CHEMICALS WITH POLYMERS.

Title (de)  
VERHINDERUNG DES VERSICKERNS VON AGROCHEMIKALIEN DUCH POLYMERE.

Title (fr)  
BLOCAGE DE LA LIXIVIATION DE PRODUITS CHIMIQUES ET DE POLYMERES UTILISES DANS LE TRAITEMENT DES RECOLTES.

Publication  
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Application  
**EP 93905976 A 19930216**

Priority

- US 9301362 W 19930216
- US 84302492 A 19920228
- US 84302592 A 19920228
- US 84332592 A 19920228
- US 91931792 A 19920727
- US 92008292 A 19920727

Abstract (en)  
[origin: WO9316592A1] This invention relates to inhibiting leaching of crop treating chemicals into the ground water, aqua-system and surrounding soil of the treatment site by contacting the plant or plant site with an effective leach inhibiting, plant tolerating amount of (a) a copolymer of a maleic acid or ester or a mixture thereof and a comonomer of an alkyl alpha alkenyl ether; or (b) a protein or carbohydrate derived polymer containing pendant hydroxy and secondary, tertiary or quaternized amino groups; or (c) a copolymer having pendant optionally quaternized amino or pyrrolidone groups; or (d) a lactam containing polymer selected from the group of an optionally crosslinked N-alkenyl lactam homopolymer or copolymer with a C2 to C30 comonomer selected from the group of an alkenoic acid, an alkenyl-anhydride, ester, ether, amino ester or amino amide and an alpha mono- or di-olefin; optionally including a water based wetting agent of a higher alkyl substituted lactam, anionic surfactant and water to enhance the wetting properties of herbicide and pesticide formulations.

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IPC 8 full level  
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**A01N 25/10** (2013.01)

Citation (search report)

- [X] FR 2246572 A1 19750502 - HYDROPHILICS INT INC [US]
- [X] US 4036788 A 19770719 - STECKLER ROBERT
- [X] DE 2031989 A1 19710121
- [A] WO 8908127 A1 19890908 - GAF CHEMICALS CORP [US]
- See references of WO 9316592A1

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