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(21) International Application Number: PCT/US99/11353 (22) International Filing Date: 21 May 1999 (21.05.99) (30) Priority Data: 09/090,833 4 June 1998 (04.06.98) US (71) Applicant: HAMPSHIRE CHEMICAL CORPORATION [US/US]; Suite 2500, 45 Hayden Avenue, Lexington, MA 02421 (US). (72) Inventor: CRUDDEN, Joseph, J.; 130 Robinson Road, Hud- son, NH 03051 (US). (74) Agents: LEMACK, Kevin, S. et al.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (US).		(81) Designated States: AU, BR, CA, CN, IN, JP, KR, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: N-ACYL SARCOSINATES AS GLYPHOSATE ADJUVANTS (57) Abstract An adjuvant for glyphosate having increased activity, lower irritancy and lower toxicity than conventional adjuvants, and method of controlling weeds using the same. The adjuvant is C ₈ to C ₂₂ sarcosinate or sarcosinate salt, such as sodium cocoyl sarcosinate, sodium lauroyl sarcosinate, or combinations thereof, which is combined with glyphosate in low concentrations and provides effective activity.		