

Title (en)  
HERBICIDAL OIL-IN-WATER EMULSION COMPOSITIONS FOR CONTROLLING BROADLEAF WEEDS IN TURFGRASS

Title (de)  
HERBIZIDE ÖL-IN-WASSER-EMULSIONSZUSAMMENSETZUNGEN FÜR DIE BEKÄMPFUNG VON ZWEIFEIMBLÄTTRIGEN UNKRÄUTERN IN RASENGRASS

Title (fr)  
COMPOSITIONS D'ÉMULSION HERBICIDE D'HUILE DANS L'EAU POUR LE CONTRÔLE DES MAUVAISES HERBES À FEUILLES LARGES DANS LE GAZON

Publication  
**EP 2076127 A4 20130821 (EN)**

Application  
**EP 07866183 A 20071003**

Priority  
• CA 2007001762 W 20071003  
• CA 2562718 A 20061005

Abstract (en)  
[origin: WO2008049192A1] An herbicide composition available as a concentrate for dilution with water or a ready-to-use oil-in-water emulsion which has a significantly reduced amount of active ingredient of a broadleaf herbicide. The composition combines the reduced amount of herbicide in a mixture of oil and emulsifier.

IPC 8 full level  
**A01N 39/02** (2006.01); **A01N 25/04** (2006.01); **A01N 37/40** (2006.01); **A01N 39/04** (2006.01); **A01P 13/02** (2006.01)

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C-Set (source: EP)  
**A01N 25/04 + A01N 25/02 + A01N 25/30 + A01N 37/40 + A01N 39/02 + A01N 39/04**

Citation (search report)  
• [X] CA 964482 A 19750318 - SUN OIL CO PENNSYLVANIA  
• [X] CA 2069311 A1 19910414 - SAFER INC [US]  
• [X] WO 0234047 A1 20020502 - ADJUVANTS PLUS INC [CA], et al  
• [I] MCCOWAN F H: "Turf Herbicide Rx: Add Oil", AGRICULTURAL CHEMICALS, INDUSTRY PUBL, BALTIMORE, MD, vol. 23, no. 4, 1 April 1968 (1968-04-01), pages 18 - 21, XP008106052, ISSN: 0096-6681  
• See references of WO 2008049192A1

Citation (examination)  
• G C HORN: "HORN: TURF HERBICIDES PLUS OIL INCREASING THE EFFECTIVENESS OF TURF HERBICIDES BY USE OF OIL", PROC. TURFGRASS MGMT. CONF PROC. SO. WEED CONF PROC. TURFGRASS MGMT. CONF. I: 19-28. 6. RYAN, G. F PROC. SO. WEED CONF PROC. SO. WEED CONF, vol. 566, 1 January 1962 (1962-01-01), pages 208 - 219, XP055207021  
• G C HORN: "TOLERANCE OF SEVERAL SOUTHERN TURFGRASSES TO VARIOUS SPRAY OILS1", PROC. TURFGRASS MGMT. CONF PROC. SO. WEED CONF PROC. TURFGRASS MGMT. CONF. I:, 1 January 1966 (1966-01-01), pages 494 - 499, XP055207024  
• R. J. BURR AND G. F. WARREN: "Enhancement of Herbicide Activity with an Isoparaffinic Oil Carrier", WEED SCIENCE, vol. 19, no. 6, November 1971 (1971-11-01), pages 705 - 705, XP009185739

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DOCDB simple family (publication)  
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**CA 2562718 A 20061005**; AU 2007308682 A 20071003; CA 2007001762 W 20071003; EP 07866183 A 20071003