

Title (en)

COPOLYMERS BASED ON N-VINYLAMIDE AS ADJUVANTS AND AGENTS FOR USING IN THE AGROTECHNICAL FIELD

Title (de)

COPOLYMERE AUF N-VINYLAMID-BASIS ALS ADJUVANS UND MITTEL FÜR DEN AGROTECHNISCHEN BEREICH

Title (fr)

COPOLYMERES A BASE DE N-VINYLAMIDE UTILISES EN TANT QU'ADJUVANTS ET PRODUITS DANS LE DOMAINE DE LA TECHNOLOGIE AGRICOLE

Publication

**EP 1569971 A1 20050907 (DE)**

Application

**EP 03782264 A 20031201**

Priority

- DE 10256162 A 20021202
- EP 0313513 W 20031201

Abstract (en)

[origin: WO2004050730A1] The invention relates to defined copolymers based on N-vinylamide, and to the use of the same as activity-improving adjuvants in the agrotechnical field and especially in the field of plant protection. The invention also relates to corresponding agrotechnical agents. The inventive copolymers consist of vinylamides and ethylenically unsaturated alkoxylated carboxylic acid esters.

IPC 1-7

**C08F 226/00**; C08F 220/28; C08F 220/34; A01N 25/00

IPC 8 full level

**A01N 25/10** (2006.01); **C08F 220/28** (2006.01); **C08F 226/00** (2006.01)

CPC (source: EP US)

**A01N 25/10** (2013.01 - EP US); **C08F 226/00** (2013.01 - EP US); **C08F 220/286** (2020.02 - EP US)

Citation (search report)

See references of WO 2004050730A1

Citation (examination)

EP 1069142 A1 20010117 - CLARIANT GMBH [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004050730 A1 20040617**; AU 2003289925 A1 20040623; EP 1569971 A1 20050907; JP 2006508159 A 20060309; JP 4468180 B2 20100526; US 2006229209 A1 20061012

DOCDB simple family (application)

**EP 0313513 W 20031201**; AU 2003289925 A 20031201; EP 03782264 A 20031201; JP 2004556251 A 20031201; US 53718205 A 20050601