

(10) International Publication Number
WO 2016/113289 A1(43) International Publication Date
21 July 2016 (21.07.2016)

(51) International Patent Classification:

A01N 25/08 (2006.01) A01N 37/38 (2006.01)
A01N 59/20 (2006.01) A01P 3/00 (2006.01)

(21) International Application Number:

PCT/EP2016/050540

(22) International Filing Date:

13 January 2016 (13.01.2016)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

15151353.8 15 January 2015 (15.01.2015) EP

(71) Applicant: OMYA INTERNATIONAL AG [CH/CH];
Baslerstrasse 42, 4665 Oftringen (CH).

(72) Inventors: SCHENKER, Michel; Starrkircherstrasse 11,
4600 Olten (CH). ZOCCO, Domenico; Spürgartenstrasse
21, 8048 Zürich (CH). GANE, Patrick, A., C.; Studenweg
8, 4852 Rothrist (CH). SCHOELKOPF, Joachim; Dys-
hofweg 3, 5727 Oberkulm (CH).

(74) Agent: GLAS, Holger; Maiwald Patentanwalts GmbH,
Elisenhof, Elisenstrasse 3, 80335 Munich (DE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,
BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG,
MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM,

[Continued on next page]

(54) Title: USE OF SURFACE-REACTED CALCIUM CARBONATE AS CARRIER FOR AGROCHEMICAL COMPOUNDS

Figures

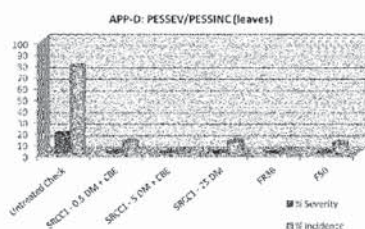


Fig. 1a

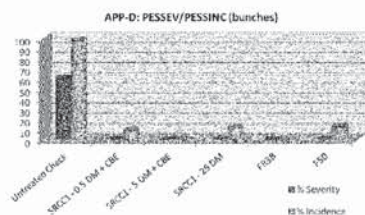


Fig. 1b

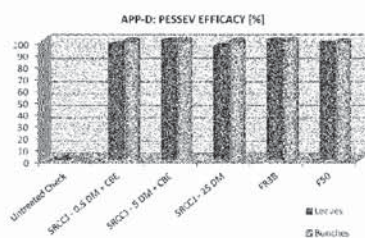


Fig. 1c

(57) Abstract: The present invention relates to the use of surface-reacted calcium carbonate-containing minerals and/or surface-reacted precipitated calcium carbonates as solid particulate carriers to enhance the efficacy of agrochemical compounds loaded onto said carriers, especially the fungicides metalaxyl or dimethomorph, alone or in combination with a copper source. Furthermore the invention also relates to a process for enhancing the efficacy of an agrochemical compound as well as to a process for the preparation of the agrochemical composition.



PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

- (84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE,

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*