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(71) Applicant (for all designated States except US): **SYNGENTA PARTICIPATIONS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SULZER-MOSSE, Sarah** [FR/CH]; Syngenta Crop Protection Mönchwil AG, Schaffhauserstrasse, CH-4332 Stein (CH). **LAMBERTH, Clemens** [DE/CH]; Syngenta Crop Protection Mönchwil AG, Schaffhauserstrasse, CH-4332 Stein (CH). **CEDERBAUM, Fredrik Emil Malcolm** [SE/CH];

Syngenta Crop Protection Mönchwil AG, Schaffhauserstrasse, CH-4332 Stein (CH).

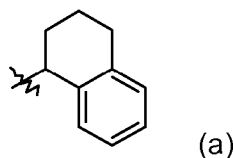
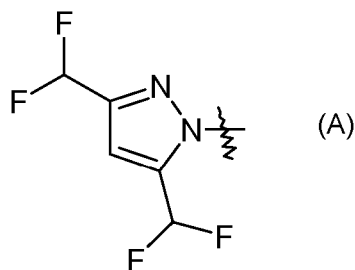
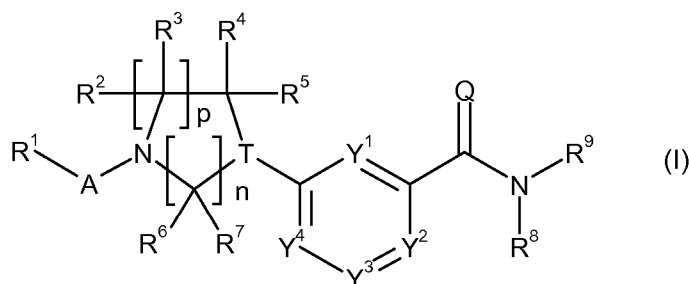
(74) Agent: **SAUVAGEOT, Olivier**; Syngenta Participations AG, Mönchwil AG, Schwarzwaldallee 215, CH-4058 Basel (CH).

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(54) Title: MICROBIOCIDAL HETEROCYCLES



(57) Abstract: The present invention relates to heterocyclic compounds of formula I which have microbiocidal activity, in particular fungicidal activity as well as methods of using the compounds of formula (I) to control microbes: wherein A is x-C(R¹⁰R¹¹)-C(=O)-, x-C(R¹²R¹³)-C(=S)-, x-O-C(=O)-, x-O-C(=S)-, x-N(R¹⁴)-C(=O)-, x-N(R¹⁵)-C(=S)-, x-C(R¹⁶R¹⁷)-SO₂- or x-N=C(R³⁰)-, in each case x indicates the bond that is connected to R¹; T is CR¹⁸ or N; Y¹, Y², Y³, and Y⁴ are independently CR¹⁹ or N; Q is O or S; n is 1 or 2; p is 1 or 2, providing that when n is 2, p is 1. R¹ is (formula A) R², R³, R⁴, R⁵, R⁶, R⁷, R¹⁰, R¹¹, R¹², R¹³, R¹⁶, R¹⁷, R¹⁸, R¹⁹ and R³⁰ each independently are hydrogen, halogen, cyano, C₁-C₄alkyl, or C₁-C₄haloalkyl; R⁸, R¹⁴ and R¹⁵ each independently are hydrogen or C₁-C₄alkyl; and R⁹ is phenyl, benzyl or group (a), wherein the phenyl, benzyl and group (a) are each optionally substituted with 1 to 3 substituents independently selected from C₁-C₄ alkyl, C₁-C₄ haloalkyl, halogen, cyano, hydroxy and amino; or a salt or a N-oxide thereof.



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