

Title (en)  
THIAZOLE-, ISOTHIAZOLE- AND THIADIAZOLE-DERIVATIVES HAVING MICROBICIDAL AND PLANT IMMUNIZING ACTIVITIES

Title (de)  
THIAZOL-, ISOTHIAZOL- UND THIADIAZOL-DERIVATE MIT MIKROBIZIDEN UND PFLANZENIMMUNISIERENDEN WIRKUNGEN

Title (fr)  
DERIVES DE THIAZOLE, D'ISOTHIAZOLE ET DE THIADIAZOLE PRESENTANT DES PROPRIETES ANTIMICROBIENNES ET D'IMMUNISATION POUR LES PLANTES

Publication  
**EP 1042306 A1 20001011 (EN)**

Application  
**EP 98965285 A 19981218**

Priority  
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• GB 9726989 A 19971222

Abstract (en)  
[origin: WO9932464A1] Compounds of formula (I) and process for protecting and immunizing plants against attack by phytopathogenic microorganisms by applying compounds of formula (I) wherein a) X is CR<sub>4</sub> and Y is N; or b) X is N and Y is CR<sub>5</sub>; or c) X and Y are N; and wherein Z is a C<sub>1</sub>-group to which 1-3 halogen atoms or 1-3 unsubstituted or substituted hetero atoms selected from the group O, S and N are bonded; Z is CN, CO-A, CS-A or CH(OR<sub>10</sub>)<sub>2</sub>; A is hydrogen, halogen, OR<sub>6</sub>, SR<sub>7</sub>, N(R<sub>8</sub>)R<sub>9</sub>, ON(R<sub>11</sub>)R<sub>12</sub> or N(R<sub>13</sub>)OR<sub>14</sub>; and wherein R<sub>1</sub>-R<sub>14</sub> have the meanings given in the description.

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