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- [54] **FUNGAL GENE ENCODING RESISTANCE TO THE PHYTOTOXIN CERCOSPORIN**
- [75] Inventors: **Robert G. Upchurch**, Cary; **Terrence M. Callahan**, Raleigh; **Marilyn Ehrenshaft**, Cary, all of N.C.
- [73] Assignees: **The United States of America as represented by the Secretary of Agriculture**, Washington, D.C.; **North Carolina State University**, Raleigh, N.C.
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- [58] **Field of Search** 800/205, 295, 800/298; 435/419, 172.3, 69.1, 320.1, 468; 536/23.7, 24.1

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Primary Examiner—Douglas W. Robinson
Assistant Examiner—Thomas Haas
Attorney, Agent, or Firm—M. Howard Silverstein; John D. Fado; Gail E. Poulos

[57] **ABSTRACT**

The present invention is directed to nucleic acid and amino acid sequences which are responsible for moving the fungal toxin cercosporin across the plasma membrane of living cells. The DNA can be introduced into a plant using conventional methods of transformation in order to confer cercosporin resistance to plants.