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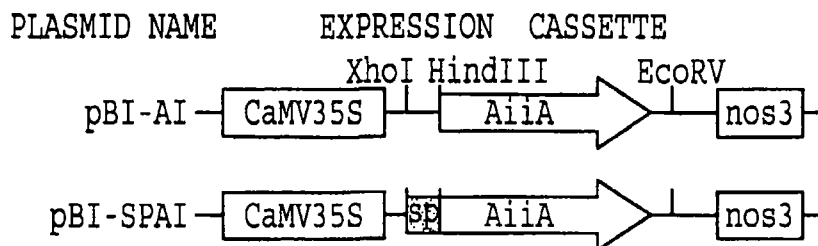


ACTION



162162

(54) Title: CONTROL OF BACTERIAL INFECTION BY QUENCHING QUORUM-SENSING OF PLANT PATHOGENIC BACTERIA



(57) Abstract: Transgenic plants, protected from bacterial pathogens, which harbor the *aiiA* gene or a functional fragment or modification thereof and express functional *AiiA* protein were produced. The plants and plant materials of this invention inactivate bacterial pathogen quorum-sensing signal molecules,

thereby eliminating or reducing the production of bacterial virulence factors which are harmful to plant cells and tissues. Figure 1.

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