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(54) Title: METHOD FOR IDENTIFYING PLANT MATERIAL THAT SHOWS A REDUCED DISCOLOURATION, PLANTS THUS IDENTIFIED AND USE OF THE IDENTIFIED PLANTS FOR THE PRODUCTION OF COMMERCIAL CROP PLANTS SHOWING A REDUCED DISCOLOURATION

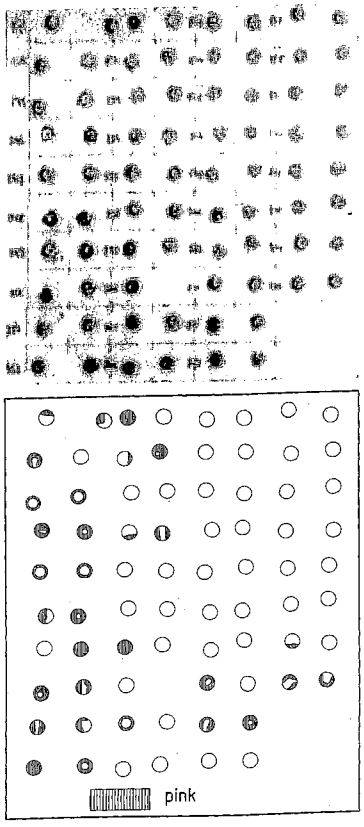

FIG. 1

(57) Abstract: The invention relates to a method for testing a plant or plant part for exhibiting a reduced or absent wound-induced surface discolouration as compared to a control plant or plant part, which method comprises providing a plant or plant part that is obtained from a plant population that shows genetic variation, in particular a gene bank; optionally creating a wound surface on the plant or plant part; incubating the plant or plant part or the wound surfaces created thereon to allow for discolouration to occur therein or thereon; observing the discolouration in or on the plants or plant parts; comparing the observed discolouration with the discolouration that is observed in the control plant or plant part to assess whether the plant or plant part shows no discolouration or a discolouration that is reduced as compared to the control plant or plant part; and identifying a plant or plant part that shows no discolouration or a discolouration that is reduced as compared to the control plant or plant part as a plant that harbours the reduced wound-induced surface discolouration trait.

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