

Title (en)

PORTABLE DEVICE FOR MEASURING TOTAL GOSSYPOL CONCENTRATION

Title (de)

TRAGBARE VORRICHTUNG ZUR BESTIMMUNG DER TOTALEN GOSSYPOLKONZENTRATION

Title (fr)

DISPOSITIF PORTATIF PERMETTANT DE MESURER LA CONCENTRATION TOTALE DE GOSSYPOL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005062023A1] The measurement of gossypol in cotton seed products using conventional methods namely spectrophotometric, NMR methods, chemiluminiscent method, gas-liquid chromatography polarography, thin layer chromatography and paper chromatography are tedious, time-consuming, high cost and needs calibrated systems. In the present invention, a low cost and portable system is devised and the concentration of total gossypol is directly displayed on LCD in mg/l or ppm from the test solution and no standard solution is required to make calibration curve for measuring the absorbance.

IPC 8 full level

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