Title (en)
  DETERMINATION OF THE EFFICACY OF A TREATMENT

Title (de)
  BESTIMMUNG DER WIRKSAMKEIT EINER BEHANDLUNG

Title (fr)
  DÉTERMINATION DE L'EFFICACITÉ D'UN TRAITEMENT

Publication
  EP 2666147 A1 20131127 (FR)

Application
  EP 12700700 A 20120120

Priority
  • FR 1150458 A 20110120
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Abstract (en)
  [origin: WO2012098225A1] Method of determining a value for quantifying the deviation from the mean value of a distribution of the divergence in severity between an initial instant and a later instant subsequent to the initial incident, the severity depending on the contrast between zones receiving a treatment and zones receiving a vehicle, comprising steps in the course of which: at least one hyper-spectral image comprising at least one zone from among a diseased zone receiving the treatment, a healthy zone receiving the treatment, a diseased zone receiving the vehicle and a healthy zone receiving the vehicle is acquired, for at least one patient, at an initial instant and at at least one later instant subsequent to the initial instant, a coefficient of weighting of each wavelength is determined, an optimized value of the value of the divergence in severity is determined as a function of the hyper-spectral images acquired comprising weighted wavelengths, for each patient and for each measurement instant, and a value for quantifying the deviation from the mean value between a distribution of the divergence in severity at the initial instant and a distribution of the divergence in severity at a later instant subsequent to the initial instant is determined as a function of the optimized values of the value of the divergence in severity for each patient at the initial instant and at the later instant.

IPC 8 full level
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CPC (source: EP US)
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