

Title (en)
CHARACTERIZATION OF BIOLOGICAL SAMPLES

Title (de)
CHARAKTERISIERUNG BIOLOGISCHER PROBEN

Title (fr)
CARACTÉRISATION D' ÉCHANTILLONS BIOLOGIQUES

Publication
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Application
EP 09763725 A 20090612

Priority
• US 2009047211 W 20090612
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Abstract (en)
[origin: WO2009152437A2] A method of characterizing a biological sample comprising separating the biological sample into constituents; observing the separated constituents; applying statistical classification modeling to the observed constituents; deriving quantifiable data from the applied statistical classification modeling; and analyzing the data from the applied statistical classification modeling to assess a donor of the biological compounds' health. A system for characterizing a biological sample comprising a biological sample separator, wherein the biological sample separator functions to separate the biological sample into constituents; a constituent observer, wherein the constituent observer functions to confirm and qualify the presence of the constituent; a constituent statistical processor, wherein the constituent statistical processor functions to apply statistical classification modeling to the observed constituent to derive representative data; and a statistical analyzer, wherein the statistical analyzer functions to compare the representative data to benchmark values to derive a predictor for a health concern.

IPC 8 full level
G01N 33/92 (2006.01); **G16B 40/00** (2019.01); **G16B 20/00** (2019.01)

CPC (source: EP US)
G01N 33/92 (2013.01 - EP); **G16B 20/00** (2019.01 - EP US); **G16B 40/00** (2019.01 - EP US)

Citation (search report)
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• See references of WO 2009152437A2

Designated contracting state (EPC)
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DOCDB simple family (application)
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