

Title (en)
METHOD FOR QUANTIFYING METHYLATED DNA

Title (de)
VERFAHREN ZUR QUANTIFIZIERUNG METHYLIERTER DNA

Title (fr)
PROCEDE DE QUANTIFICATION D'ADN METHYLE

Publication
EP 1761646 A1 20070314 (DE)

Application
EP 05756101 A 20050615

Priority
• DE 2005001109 W 20050615
• DE 102004029700 A 20040615

Abstract (en)
[origin: WO2005123941A1] The inventive method makes it possible to quantify methylated DNA by combining the restricted digestion and real-time PCR. For this purpose, the inventive method consists in isolating the examined DNA from a biological sample, in reacting the isolated AND with a methylation specific restriction enzyme, in amplifying by means of a real-time PCR, wherein the amplified products are formed only when the DNA is precut-off and, afterwards, in calculated the methylated and unmethylated DNA proportion in the initial sample with the aid of a reference measurement. Said method is particularly suitable for diagnosis and prognosis cancer and other diseases associated with a methylation state modification and for predicting the drug effects.

IPC 8 full level
C12Q 1/68 (2006.01)

CPC (source: EP US)
C12Q 1/6827 (2013.01 - EP US)

Citation (search report)
See references of WO 2005123941A1

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