

Title (en)
CHEMILUMINESCENT METHOD OF MONITORING PRODUCTS AFTER HEAT TREATMENT

Title (de)
CHEMILUMINESZENZVERFAHREN ZUR KONTROLLE VON PRODUKTEN NACH DEREN HITZEBEHANDLUNG

Title (fr)
PROCEDE DE CONTROLE DE PRODUITS APRES TRAITEMENT THERMIQUE PAR CHIMILUMINESCENCE

Publication
EP 0853678 A4 19990127 (EN)

Application
EP 96926811 A 19960730

Priority

- US 9612482 W 19960730
- US 170695 P 19950731

Abstract (en)
[origin: WO9705287A1] A method of monitoring heat processes in pharmaceutical, clinical, food or non-biological products, which method includes the steps of combining a test sample or sample extract from the product with chemiluminescent compounds or compounds specifically susceptible to enzymes, while triggering the decomposition of the chemiluminescent compound to emit light. The enzyme can be indigenous or added before the heat process as an indicator. The sample is incubated and integration of chemiluminescent light emission over time is measured as indicative of the past temperature and time profile of the sample.

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C12Q 1/68; **C12Q 1/42**; **G01N 21/76**

IPC 8 full level
C12Q 1/28 (2006.01); **C12Q 1/42** (2006.01)

CPC (source: EP)
C12Q 1/28 (2013.01); **C12Q 1/42** (2013.01)

Citation (search report)

- [A] EP 0421788 A2 19910410 - EXOXEMIS INC [US]
- [A] EP 0625510 A2 19941123 - LUMIGEN INC [US]
- See references of WO 9705287A1

Designated contracting state (EPC)
DE FR GB NL

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