

Title (en)

ATP EXTRACTION REAGENT CONTAINING AMMONIUM VANADATE.

Title (de)

AMMONIUMVANADAT ENTHALTENDES ATP-EXTRAKTIONREAGENZ.

Title (fr)

REACTIF D'EXTRACTION DE L'ATP CONTENANT DU VANADATE D'AMMONIUM.

Publication

EP 0585367 A4 19941221 (EN)

Application

EP 92912569 A 19920515

Priority

US 70187091 A 19910517

Abstract (en)

[origin: WO9220781A1] An Ammonium Vanadate containing ATP extract reagent for extracting ATP from somatic tumor cells without disruption of the cell membrane from 2.6-4.6 millimolar of Ammonium Vanadate stabilizes the extracted ATP. Employment of the Ammonium Vanadate containing ATP extract reagent in the bioluminescent reaction method for assaying the effectiveness of chemotherapeutic agents against disassociated tumor cells constitutes an overall improvement in the method.

IPC 1-7

C12N 1/06; **C12Q 1/66**; **C12Q 1/34**

IPC 8 full level

C12P 19/32 (2006.01); **G01N 33/50** (2006.01)

CPC (source: EP)

C12P 19/32 (2013.01); **G01N 33/50** (2013.01); **G01N 2800/52** (2013.01)

Citation (search report)

- [A] JP S57162797 A 19821006 - LION CORP
- [A] K. KLASSEN ET AL.: "Vanadate protects ATPase against irreversible denaturation by detergent.", FEDERATION PROCEEDINGS, vol. 43, no. 3, 1 March 1984 (1984-03-01), BETHESDA MD USA, pages 517.
- See references of WO 9220781A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI MC NL SE

DOCDB simple family (publication)

WO 9220781 A1 19921126; AU 2140892 A 19921230; EP 0585367 A1 19940309; EP 0585367 A4 19941221

DOCDB simple family (application)

US 9204101 W 19920515; AU 2140892 A 19920515; EP 92912569 A 19920515