

Title (en)
URIC ACID ASSAY DEVICE WITH STABILIZED URICASE REAGENT COMPOSITION

Title (de)
HARNSÄURE-VERSUCHSANORDNUNG MIT STABILISIERTEM URIKASEREAGENZ

Title (fr)
DISPOSITIF DE TEST D'ACIDE URIQUE PRESENTANT UNE COMPOSITION REACTIVE D'URICASE STABILISEE

Publication
EP 1030931 A4 20040526 (EN)

Application
EP 98944497 A 19980806

Priority
US 9817483 W 19980806

Abstract (en)
[origin: WO0008207A1] The invention provides an enzyme-based device and process for manufacture of the device in a shelf-stable form. The device consists of a dry phase test strip useful in detecting the presence and concentration of uric acid in a liquid sample (such as urine) and has a stabilized uricase-containing working solution impregnated therein. Methods for manufacturing the device to maintain the stability of the working solution, especially the enzyme components thereof, are also described. A method for making the uric acid measurement in one step is also provided, wherein the one step to be performed consists of applying the liquid sample to the test strip of the device.

IPC 1-7
C12Q 1/62; C12Q 1/28

IPC 8 full level
C12Q 1/62 (2006.01)

CPC (source: EP)
C12Q 1/62 (2013.01)

Citation (search report)

- [XA] EP 0456088 A1 19911113 - HOFFMANN LA ROCHE [CH]
- [XA] EP 0513914 A1 19921119 - INSTRUMENTATION LAB SRL [IT]
- [X] DATABASE WPI Section Ch Week 197517, Derwent World Patents Index; Class B04, AN 1975-28135W, XP002271969
- See references of WO 0008207A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0008207 A1 20000217; AU 754237 B2 20021107; AU 9202998 A 20000228; CA 2306554 A1 20000217; EP 1030931 A1 20000830; EP 1030931 A4 20040526

DOCDB simple family (application)
US 9817483 W 19980806; AU 9202998 A 19980806; CA 2306554 A 19980806; EP 98944497 A 19980806