

Title (en)

APPARATUS AND METHOD OF SALIVA COLLECTION AND VERIFICATION FOR DRIED SALIVA SPOT DRUG AND HIV ANTIBODY TESTING.

Publication

EP 0625268 A4 19960228 (EN)

Application

EP 93900603 A 19921118

Priority

- US 9210085 W 19921118
- US 80064791 A 19911127
- US 80064991 A 19911127
- US 81407791 A 19911224
- US 81408091 A 19911224
- US 95470092 A 19920930

Abstract (en)

[origin: WO9311434A1] A method is provided for rapidly determining during a saliva specimen collection procedure the presence of an amount of saliva, and for verifying that the sample obtained is in fact saliva. Color indication by dye markers and/or enzymatic activation of color indicators (125) provides an indication that at least a predetermined amount of saliva has been applied to an absorbent (104) and the enzymatic reaction indicates that saliva is contained in the sample collected. Apparatus (100) for collecting a human saliva sample is provided having a dye indicator (125) for signalling the collection of a predetermined sample quantity. Alternatively, the apparatus (100) contains a chromogen capable of undergoing chemical conversion upon contact with saliva to produce a color change thereby verifying the presence of saliva as opposed to another fluid.

IPC 1-7

G01N 33/543

IPC 8 full level

A61B 10/00 (2006.01); **B01L 3/00** (2006.01); **C12Q 1/28** (2006.01); **C12Q 1/40** (2006.01); **G01N 33/52** (2006.01); **G01N 33/543** (2006.01); **G01N 33/558** (2006.01); **G01N 1/00** (2006.01)

CPC (source: EP US)

A61B 10/0051 (2013.01 - EP); **B01L 3/5023** (2013.01 - EP); **B01L 3/5029** (2013.01 - EP); **C12Q 1/28** (2013.01 - EP); **C12Q 1/40** (2013.01 - EP); **G01N 33/523** (2013.01 - EP); **G01N 33/54386** (2013.01 - EP); **G01N 33/54388** (2021.08 - US); **G01N 33/54391** (2021.08 - US); **G01N 33/558** (2013.01 - EP); **A61B 2010/0009** (2013.01 - EP); **B01L 2300/043** (2013.01 - EP); **B01L 2300/0825** (2013.01 - EP); **B01L 2400/0406** (2013.01 - EP); **G01N 2001/007** (2013.01 - EP)

Citation (search report)

- [A] BIOLOGICAL ABSTRACTS, vol. 73, no. 8, Philadelphia, PA, US; abstract no. 52216, page 5406; & I. TEJKAL: "Submandibular saliva collection device for clinical purposes", SCRIPTA MEDICA, vol. 54, no. 2, BRNO CZECHOSLOVAKIA, pages 83 - 88
- See references of WO 9311434A1

Cited by

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