Title (en)
METHOD FOR LABELLING SAMPLE CONTAINERS

Title (de)
VERFAHREN ZUR KENNZEICHNUNG VON PROBENBEHÄLTERN

Title (fr)
PROCEDE D'APPLICATION D'UN MARQUAGE D'IDENTIFICATION SUR DES CONTENANTS A ECHANTILLON

Publication
EP 0975428 A1 20000202 (DE)

Application
EP 99908888 A 19990212

Priority
• DE 19806049 A 19980213
• EP 9900943 W 19990212

Abstract (en)
[origin: DE19806049A1] The invention relates to a method for providing sample containers (10) used in an analysis device in which the sample containers (10) can be heated to an operating temperature with an automatically readable identification label (12). The aim of the invention is to improve the identification labels (12) of sample containers (10) in such a way that during analysis the sample contained in the sample container (10) is not contaminated by constituents of the identification label. To this end the invention provides for the identification label (12) to be applied during production (10a) of the sample container (10), notably during the final cooling phase of the finished sample container, in a temperature range between a maximum temperature occurring during production (10a) of the sample container and the operating temperature. According to the method provided for in the invention the volatile ingredients of the identification means are advantageously evaporated during the production process, so that when the sample container is used at the operating temperature of the analysis device the sample to be analysed can no longer be contaminated by outgassing constituents of the identification means.

IPC 1-7
B01L 3/14; G06K 1/12

IPC 8 full level
B01L 3/14 (2006.01); **B41M 1/34** (2006.01); **B44C 1/22** (2006.01); **B65C 1/02** (2006.01); **G06K 1/12** (2006.01)

CPC (source: EP US)
B01L 3/5453 (2013.01 - EP US); **B44C 1/225** (2013.01 - EP US); **B44C 1/228** (2013.01 - EP US); B41M 5/0047 (2013.01 - EP US); B41M 5/007 (2013.01 - EP US)

Citation (search report)
See references of WO 9941014A1

Designated contracting state (EPC)
FR GB IT

DOCDB simple family (publication)
DE 19806049 A1 19990819; AU 2833699 A 19990830; CA 2287489 A1 19990819; CA 2287489 C 20090505; EP 0975428 A1 20000202; EP 0975428 B1 20040107; JP 2002509507 A 20020326; JP 4536832 B2 20100901; US 2003136839 A1 20030724; US 2005214463 A1 20050929; US 6899267 B2 20050531; US 7743976 B2 20100629; WO 9941014 A1 19990819

DOCDB simple family (application)
DE 19806049 A 19980213; AU 2833699 A 19990212; CA 2287489 A 19990212; EP 9900943 W 19990212; EP 99908888 A 19990212; JP 54104499 A 19990212; US 40307200 A 20000119; US 4053605 A 20050121