(19) INDIA

(22) Date of filing of Application :29/02/2024

(43) Publication Date: 08/03/2024

(54) Title of the invention: A DEVICE TO HOLD A PLURALITY OF SIZES OF SAMPLE VIALS FOR ULTRASONICATOR

(51) International classification

:B01L0003000000, H01M00502000000, A61B0017000000, F16M0011040000,

H01L0021687000

(86) International
Application No
Filing Date
(87) International
: NA
: NA

Publication No
(61) Patent of Addition
to Application Number
:NA
Filing Date

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)Chitkara University

2) Chitkara Innovation Incubator Foundation

Name of Applicant: NA Address of Applicant: NA (72)Name of Inventor:

1)POOJA

2)SHARMA, Vandna

3)KUMAR, Pankaj

Address of Applicant :Department of Applied Sciences, Chitkara University Institute of Engineering & Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ------

(57) Abstract:

The present disclosure pertains to a device (100) to hold a plurality of sizes of sample vials for ultrasonicator. The device (100) comprises a sample holder (102) comprises a plurality of hollow spaces (108) adapted to accommodate the plurality of sizes of sample vials. The device (100) comprises an adjustable stand (104) detachably attached to the sample holder (102). The adjustable stand (104) is configured to support the sample holder (102). Further, the device (100) comprises a rod (106) configured to attach the sample holder (102) and the adjustable stand (104). A first end (106-a) of the rod is fixed at a centroid of the sample holder (106), and a second end (106-b) of the rod (106) is detachably fixed to the adjustable stand (104) using a plurality of fasteners (110).

No. of Pages: 15 No. of Claims: 9