

Title (en)
TRAY AND CLEANING APPARATUS SYSTEM

Title (de)
TABLETT UND REINIGUNGSVORRICHTUNGSSYSTEM

Title (fr)
PLATEAU ET SYSTÈME D'APPAREIL DE NETTOYAGE

Publication
EP 4144274 A4 20230719 (EN)

Application
EP 21796866 A 20210412

Priority
• CN 202010367636 A 20200430
• CN 2021086471 W 20210412

Abstract (en)
[origin: EP4144274A1] Provided are a tray and a cleaning apparatus system. The tray includes: a tray body (10), where a roller brush accommodation region is arranged on an outer surface of the tray body (10), and a mounting cavity (12) is provided in the tray body (10); and a drying unit (20), where the drying unit (20) is mounted in the mounting cavity (12), and the drying unit (20) runs to perform drying treatment on the roller brush accommodation region and an object in the roller brush accommodation region. The tray may be used with a cleaning machine (30). When the cleaning machine (30) is disposed on the tray, a roller brush (32) on the cleaning machine (30) is located in the roller brush accommodation region, and the drying unit (20) runs to perform drying treatment on the roller brush accommodation region and the object in the roller brush accommodation region. Therefore, the roller brush (32) is prevented from being stored in a humid environment, breeding of bacteria and production of odors are reduced, and the service life of the roller brush (32) is prolonged.

IPC 8 full level
A47L 11/40 (2006.01); **A47L 11/292** (2006.01)

CPC (source: CN EP US)
A47L 9/0063 (2013.01 - CN US); **A47L 9/08** (2013.01 - US); **A47L 9/2847** (2013.01 - US); **A47L 9/2873** (2013.01 - US);
A47L 11/40 (2013.01 - CN); **A47L 11/4041** (2013.01 - EP); **A47L 11/4091** (2013.01 - CN EP)

Citation (search report)
• [A] CN 110881900 A 20200317
• [A] CN 209404651 U 20190920 - POSITEC POWER TOOLS SUZHOU CO LTD
• [A] CN 107752926 A 20180306 - VORWERK CO INTERHOLDING
• [A] EP 3284382 A2 20180221 - VORWERK CO INTERHOLDING [DE]
• See also references of WO 2021218608A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4144274 A1 20230308; **EP 4144274 A4 20230719**; CN 113576316 A 20211102; US 2023172410 A1 20230608;
WO 2021218608 A1 20211104

DOCDB simple family (application)
EP 21796866 A 20210412; CN 202010367636 A 20200430; CN 2021086471 W 20210412; US 202117922298 A 20210412