

Title (en)  
FLOW APPARATUS

Title (de)  
STRÖMUNGSGERÄT

Title (fr)  
APPAREIL À ÉCOULEMENT

Publication  
**EP 4231885 A1 20230830 (DE)**

Application  
**EP 21733397 A 20210610**

Priority  
• DE 102021100519 A 20210113  
• DE 102021103265 A 20210211  
• EP 2021065637 W 20210610

Abstract (en)  
[origin: WO2022152408A1] The invention relates to a flow apparatus for treating air and for drying an object (6), the flow apparatus comprising a housing (11), which has: an interior (11'), into which the object (6) to be dried can be introduced via an opening of a partially open cover (12) of the housing (11); and a bottom (13), which is opposite the cover (12). A pump (15) is connected to the interior (11') on the input side in such a way that, by means of a pump action of the pump (15), a negative pressure is generated in the interior (11') and an airflow (7) directed into the interior (11') from the opening is generated for drying the object (6). A flow assembly comprises a controllable overpressure generating device (27, 44), a feed pipe (28) and at least one nozzle (29), wherein the overpressure generating device (27, 44) is connected to the interior (11') on the output side via the feed pipe (28) and the at least one nozzle (29) and is designed to produce an overpressure in the feed pipe (28) and to generate, via the at least one nozzle (29), a second airflow (30) directed into the interior (11') for drying the object (6).

IPC 8 full level  
**A47K 10/48** (2006.01)

CPC (source: EP US)  
**A47K 10/48** (2013.01 - EP US)

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)  
**WO 2022152408 A1 20220721**; DE 202021004410 U1 20240403; EP 4231885 A1 20230830; EP 4231885 B1 20240807;  
EP 4231885 C0 20240807; US 2023371760 A1 20231123

DOCDB simple family (application)  
**EP 2021065637 W 20210610**; DE 202021004410 U 20210610; EP 21733397 A 20210610; US 202118261289 A 20210610