

Title (en)  
BOOTH AND SPOUTING DEVICE

Title (de)  
KABINE UND AUSWURFVORRICHTUNG

Title (fr)  
CABINE ET DISPOSITIF DE VERSEMENT

Publication  
**EP 3848646 A4 20211110 (EN)**

Application  
**EP 19858513 A 20190902**

Priority  
• JP 2018167305 A 20180906  
• JP 2019034480 W 20190902

Abstract (en)  
[origin: US2021095874A1] A booth including an ejecting unit that ejects air into an opening portion leading to an internal space partitioned from an external space. The ejecting unit forms a first airflow that suppresses introduction of a disturbance from the external space into the internal space and a second airflow that suppresses introduction of the first airflow into the internal space inside the first airflow.

IPC 8 full level  
**F24F 9/00** (2006.01); **F24F 3/167** (2021.01)

CPC (source: EP KR US)  
**F24F 9/00** (2013.01 - EP KR US); **F24F 3/167** (2021.01 - EP); **F24F 2009/002** (2013.01 - EP KR US); **F24F 2009/005** (2013.01 - EP);  
**F24F 2009/007** (2013.01 - EP)

Citation (search report)  
• [XYI] EP 0944802 A1 19990929 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al  
• [X] EP 2942577 A1 20151111 - K M J VAN DE RIJT HOLDING B V [NL]  
• [Y] EP 0494921 A1 19920722 - SGN SOC GEN TECH NOUVELLE [FR]  
• [Y] DE 10005964 A1 20010823 - KESSLER & LUCH GMBH & CO KG [DE]  
• [Y] EP 2005072 A1 20081224 - MAEKAWA SEISAKUSHO KK [JP]  
• See also references of WO 2020050228A1

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

DOCDB simple family (publication)  
**US 2021095874 A1 20210401**; CN 112639366 A 20210409; CN 112639366 B 20230421; EP 3848646 A1 20210714; EP 3848646 A4 20211110;  
EP 3848646 B1 20240327; JP 7494118 B2 20240603; JP WO2020050228 A1 20210830; KR 20210053260 A 20210511;  
TW 202010912 A 20200316; TW I727418 B 20210511; WO 2020050228 A1 20200312

DOCDB simple family (application)  
**US 202017117675 A 20201210**; CN 201980033247 A 20190902; EP 19858513 A 20190902; JP 2019034480 W 20190902;  
JP 2020541214 A 20190902; KR 20207032413 A 20190902; TW 108132004 A 20190905