

Title (en)
GAS BLOWING DEVICE

Title (de)
GASBLASVORRICHTUNG

Title (fr)
DISPOSITIF DE SOUFFLAGE DE GAZ

Publication
EP 4129527 A4 20240522 (EN)

Application
EP 21780918 A 20210318

Priority
• JP 2021011103 W 20210318
• JP 2020065228 A 20200331

Abstract (en)
[origin: EP4129527A1] A gas injection device includes: a storage container 2; a first injection plug 31; a second injection plug 32; and a gas supply circuit 4 configured to receive supply of the gas and supply the gas to the first injection plug 31 or the second injection plug 32. When each injection plug 31, 32 is cleaned, gas is jetted from each injection plug 31, 32. The gas supply circuit 4 includes: a first gas passage 43; a second gas passage 45; a switching device 42; a first gas flowmeter 44; a second gas flowmeter 46; and a control device 47 configured to switch a flow of gas, when a flow rate of gas flowing through the first gas passage 43 or the second gas passage 45 reaches a predetermined flow rate or higher, and to operate a reporting device 48 to report the switching to an outside.

IPC 8 full level
B22D 43/00 (2006.01); **B22D 1/00** (2006.01); **B22D 11/10** (2006.01); **B22D 11/117** (2006.01); **B22D 41/00** (2006.01); **C21C 5/34** (2006.01); **C21C 5/46** (2006.01); **C21C 7/072** (2006.01)

CPC (source: EP)
B22D 1/005 (2013.01); **B22D 11/117** (2013.01); **B22D 41/00** (2013.01); **C21C 5/34** (2013.01); **C21C 5/4673** (2013.01); **C21C 7/072** (2013.01)

Citation (search report)
• [X] US 2012000315 A1 20120105 - FLEISCHANDERL ALEXANDER [AT], et al
• [A] US 4050681 A 19770927 - BROTMANN KARL, et al
• See also references of WO 2021200225A1

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

DOCDB simple family (publication)
EP 4129527 A1 20230208; EP 4129527 A4 20240522; JP 2021159964 A 20211011; JP 7346780 B2 20230920; WO 2021200225 A1 20211007

DOCDB simple family (application)
EP 21780918 A 20210318; JP 2020065228 A 20200331; JP 2021011103 W 20210318