

Title (en)
DYNAMIC MIXTURE OF SHIELDING GASES

Title (de)
DYNAMISCHE MISCHUNG VON SCHUTZGASEN

Title (fr)
MÉLANGE DYNAMIQUE DE GAZ PROTECTEURS

Publication
EP 3996863 A1 20220518 (DE)

Application
EP 20743069 A 20200706

Priority
• EP 19020417 A 20190708
• EP 2020025320 W 20200706

Abstract (en)
[origin: WO2021004659A1] The invention relates to a method for the dynamic feeding of shielding gas, comprising feeding a shielding gas (30, 32) to a component (18) in a welding operation, sensing (110) the temperature of a region of the component; and setting (120) a composition of the shielding gas (30) according to the sensed temperature.

IPC 8 full level
B23K 9/04 (2006.01); **B23K 9/16** (2006.01); **B23K 9/173** (2006.01); **B23K 9/32** (2006.01); **B23K 26/03** (2006.01); **B23K 26/14** (2014.01)

CPC (source: EP US)
B23K 9/04 (2013.01 - EP); **B23K 9/164** (2013.01 - EP US); **B23K 9/173** (2013.01 - EP); **B23K 9/325** (2013.01 - EP US); **B23K 35/383** (2013.01 - US); **Y02P 10/25** (2015.11 - EP)

Citation (search report)
See references of WO 2021004659A1

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)
EP 3763469 A1 20210113; EP 3996863 A1 20220518; US 2022314356 A1 20221006; WO 2021004659 A1 20210114

DOCDB simple family (application)
EP 19020417 A 20190708; EP 2020025320 W 20200706; EP 20743069 A 20200706; US 202017597008 A 20200706