

Title (en)

Pressure masking systems and methods for using same in treating techniques

Title (de)

Druckmaskierungssysteme und Verfahren zu ihrer Verwendung bei Behandlungstechniken

Title (fr)

Système de masquage de pression et procédés d'utilisation dans les techniques de traitement

Publication

EP 2777827 A3 20141231 (EN)

Application

EP 14157617 A 20140304

Priority

US 201313792620 A 20130311

Abstract (en)

[origin: EP2777827A2] Systems and methods of treating, e.g., stripping and coating, a target surface 11 of an article 10 including a passageway 12 are disclosed. The systems may fluidly connect a pressure masker 30 including pressurized masking fluid 35 to a first side of the passageway 12, passing the pressurized masking fluid 35 through the passageway 12 from the first side to a second side including the target surface 11, and, submerging at least a portion of the target surface in a treatment bath, wherein the pressurized masking fluid 35 passing through the passageway 12 prevents the treatment bath from entering the passageway 12.

IPC 8 full level

C25D 5/02 (2006.01); **B05D 1/18** (2006.01); **B05D 1/32** (2006.01); **C23C 18/16** (2006.01); **F01D 5/18** (2006.01); **F01D 5/28** (2006.01); **F01D 25/00** (2006.01)

CPC (source: EP US)

C23C 18/1605 (2013.01 - EP US); **C23C 18/1619** (2013.01 - EP US); **C25D 5/022** (2013.01 - EP US); **F01D 25/002** (2013.01 - EP US); **B05D 3/042** (2013.01 - EP US); **C25D 17/00** (2013.01 - EP US); **F01D 9/04** (2013.01 - EP US)

Citation (search report)

- [X1] JP H02277576 A 19901114 - YOSHIMOTO PAUL KK, et al
- [X1] US 2006057289 A1 20060316 - SIMPSON ALLEN H [US], et al
- [A] US 2012087802 A1 20120412 - VON NIESSEN KONSTANTIN [CH], et al
- [A] EP 0843026 A1 19980520 - CHROMALLOY GAS TURBINE CORP [US]
- [A] US 4409071 A 19831011 - DIBBLE ERIC P [US], et al

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 2777827 A2 20140917; EP 2777827 A3 20141231; US 2014251951 A1 20140911

DOCDB simple family (application)

EP 14157617 A 20140304; US 201313792620 A 20130311