

Title (en)
INTERMITTENT DOSING

Title (de)
INTERMITTIERENDE DOSIERUNG

Title (fr)
DOSAGE INTERMITTENT

Publication
EP 2969903 A4 20161019 (EN)

Application
EP 14770356 A 20140314

Priority
• US 201361782615 P 20130314
• US 2014028484 W 20140314

Abstract (en)
[origin: WO2014152974A1] A system comprising a highly concentrated micro component source, an accumulator, a micro component valve and a controller. The accumulator may be configured to keep the highly concentrated micro component under a first pressure. The micro component valve may be configured to dose the highly concentrated micro component at the first pressure for a first period of time. The controller may be configured to control the dosing of the highly concentrated micro component by the micro component valve. The system may further comprise a source of a diluent configured to provide a flow of the diluent during a second period of time at a second pressure. The highly concentrated micro component along with the diluent may be dosed using different time periods and under different pressures.

IPC 8 full level
B67D 7/02 (2010.01); **B67D 1/00** (2006.01); **B67D 7/30** (2010.01); **B67D 7/74** (2010.01)

CPC (source: EP RU)
B67D 1/0021 (2013.01 - EP); **B67D 1/0036** (2013.01 - EP); **B67D 1/0039** (2013.01 - EP); **B67D 1/1204** (2013.01 - EP);
B67D 1/122 (2013.01 - EP); **B67D 7/02** (2013.01 - RU)

Citation (search report)
• [XYI] US 2002060226 A1 20020523 - KAMEYAMA BUNICHIRO [JP]
• [Y] US 5000357 A 19910319 - SHANNON JOSEPH W [US], et al
• [Y] US 5012955 A 19910507 - SHANNON JOSEPH W [US]
• [Y] WO 2006058692 A1 20060608 - NESTEC SA [CH], et al
• See references of WO 2014152974A1

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)
WO 2014152974 A1 20140925; AU 2014236404 A1 20150917; AU 2014236404 B2 20160922; BR 112015022012 A2 20170718;
CA 2903445 A1 20140925; CA 2903445 C 20180424; CN 105121330 A 20151202; CN 105121330 B 20171215; EP 2969903 A1 20160120;
EP 2969903 A4 20161019; HK 1218288 A1 20170210; JP 2016514075 A 20160519; JP 6146757 B2 20170614; MX 2015012662 A 20160216;
RU 2015143920 A 20170420; RU 2633220 C2 20171011

DOCDB simple family (application)
US 2014028484 W 20140314; AU 2014236404 A 20140314; BR 112015022012 A 20140314; CA 2903445 A 20140314;
CN 201480021324 A 20140314; EP 14770356 A 20140314; HK 16106301 A 20160602; JP 2016502803 A 20140314;
MX 2015012662 A 20140314; RU 2015143920 A 20140314