

Title (en)

COMPRESSED AIR SUPPLY FOR THE OPERATION OF MOVING BED FILTERS

Title (de)

DRUCKLUFTVERSORGUNG ZUM BETREIBEN VON FLÜSSIGBETTFILTERN

Title (fr)

APPORT D'AIR COMPRIMÉ POUR LE FONCTIONNEMENT DE FILTRES À LIT GRANULAIRE MOBILES

Publication

EP 2533875 A4 20130717 (EN)

Application

EP 11742549 A 20110211

Priority

- US 30383210 P 20100212
- SE 1050143 A 20100212
- SE 2011000024 W 20110211

Abstract (en)

[origin: WO2011099917A1] A method for supplying compressed air for the operation of moving bed filters by means of a compressor is characterized by controlling the pressure of compressed air from the compressor by controlling the rotational speed of the compressor. A system for supplying compressed air is also provided. By use of the described method and system, substantial energy savings of approximately 50 percent can be achieved.

IPC 8 full level

B01D 24/28 (2006.01); **B01D 24/46** (2006.01); **B01D 24/48** (2006.01); **B01D 33/00** (2006.01); **B01D 37/04** (2006.01)

CPC (source: EP SE US)

B01D 24/28 (2013.01 - SE); **B01D 24/36** (2013.01 - EP US); **B01D 24/4689** (2013.01 - EP US); **B01D 24/48** (2013.01 - SE); **B01D 24/4884** (2013.01 - SE); **B01D 37/04** (2013.01 - SE); **B01D 37/046** (2013.01 - SE)

Citation (search report)

- [Y] CN 201306269 Y 20090909 - DONGYING TANSINS TEXTILE CO LT [CN]
- [Y] JP H09158846 A 19970617 - MITSUBISHI HEAVY IND LTD
- [Y] US 5730886 A 19980324 - WACHINSKI ANTHONY M [US], et al
- See references of WO 2011099917A1

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 2011099917 A1 20110818; CN 102781536 A 20121114; CN 201739768 U 20110209; EP 2533875 A1 20121219; EP 2533875 A4 20130717; SE 1050143 A1 20110813; SE 534558 C2 20111004; US 2013011274 A1 20130110

DOCDB simple family (application)

SE 2011000024 W 20110211; CN 201020141057 U 20100312; CN 201180009241 A 20110211; EP 11742549 A 20110211; SE 1050143 A 20100212; US 201113578670 A 20110211