

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

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- 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)

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DOCDB simple family (publication)

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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