

Title (en)

DETERMINING EFFLUENT CONCENTRATION PROFILES AND SERVICE LIVES OF AIR PURIFYING RESPIRATOR CARTRIDGES

Title (de)

BESTIMMUNG VON EFFLUENZENKONZENTRATIONSPROFILIEN UND BETRIEBSDAUERN VON LUFTREINIGENDEN
BELÜFTUNGSKARTUSCHEN

Title (fr)

DÉTERMINATION DE PROFILS DE CONCENTRATION D'EFFLUENTS ET DE DURÉES DE VIE DE CARTOUCHES DE RESPIRATEUR
D'ÉPURATION D'AIR

Publication

EP 2285451 A2 20110223 (EN)

Application

EP 09773973 A 20090527

Priority

- US 2009045222 W 20090527
- US 5753308 P 20080530
- US 5752208 P 20080530
- US 17735808 A 20080722

Abstract (en)

[origin: CN102215914A] A method for determining at least one of an effluent concentration profile, a breakthrough time and a filter cartridge recommendation includes receiving at least one input parameter, determining at least one of the effluent concentration profile, the breakthrough time and the filter cartridge recommendation based on the input parameter, and graphically displaying at least one of the effluent concentration profile, the breakthrough time, and the filter cartridge recommendation. The effluent concentration profile includes a plot of a concentration of a chemical species over a period of time. The breakthrough time includes a time at which a predetermined concentration of the chemical species passes through a filter cartridge.

IPC 8 full level

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CPC (source: EP)

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Cited by

EP3218038A4; EP4108313A1

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010002521 A2 20100107; AU 2009265076 A1 20100107; BR PI0913284 A2 20160126; CA 2726272 A1 20100107;
CA 2726272 C 20130917; CN 102215914 A 20111012; CN 102215914 B 20150429; EP 2285451 A2 20110223; EP 2285451 B1 20180221;
ES 2675359 T3 20180710; JP 2011523572 A 20110818; JP 5127005 B2 20130123; KR 20110025190 A 20110309; PL 2285451 T3 20180731;
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CN 200980126491 A 20090527; EP 09773973 A 20090527; ES 09773973 T 20090527; JP 2011511765 A 20090527;
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