

Title (en)

STATIC ELECTRICITY DISSIPATION IN AIR COMPRESSORS

Title (de)

ABLEITUNG STATISTISCHER ELEKTRIZITÄT IN LUFTKOMPRESSOREN

Title (fr)

DISSIPATION DE L'ELECTRICITE STATIQUE DANS DES COMPRESSEURS D'AIR

Publication

EP 1064054 A4 20010404 (EN)

Application

EP 99912588 A 19990316

Priority

- US 9905744 W 19990316
- US 7819398 P 19980316
- US 8742598 P 19980601
- US 8874998 P 19980610

Abstract (en)

[origin: WO9947211A1] The compressor fluid or oil of an air compressor system which is dielectric or electrically insulative is treated with a static dissipative compound to increase its electrical conductivity. The static dissipative compound may be added directly to the compressor fluid, or it may be added by supplying an air-oil separator (13) which is treated or impregnated with the static dissipative compound. The treatment of the compressor fluid reduces the flammability of the compressor fluid by dissipating static electricity build-up.

IPC 1-7

A62C 39/00; **A62C 3/06**

IPC 8 full level

A62C 3/06 (2006.01); **F04B 39/02** (2006.01)

CPC (source: EP)

A62C 3/06 (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9947211A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9947211 A1 19990923; AU 3093299 A 19991011; CA 2321521 A1 19990923; CN 1293583 A 20010502; EP 1064054 A1 20010103; EP 1064054 A4 20010404; JP 2002506945 A 20020305; TR 200002639 T2 20010221

DOCDB simple family (application)

US 9905744 W 19990316; AU 3093299 A 19990316; CA 2321521 A 19990316; CN 99804047 A 19990316; EP 99912588 A 19990316; JP 2000536443 A 19990316; TR 200002639 T 19990316