Title (en)

AIR DRYING AND PURIFICATION SYSTEM

Title (de)

LUFTTROCKNUNGS- UND -REINIGUNGSSYSTEM

Title (fr)

SYSTEME POUR SECHER ET PURIFIER L'AIR

Publication

EP 0888166 A4 20000119 (EN)

Application

EP 97906946 A 19970313

Priority

- AU 9700170 W 19970313
- AU PN865596 A 19960313

Abstract (en)

[origin: WO9733679A1] An air drying and purification system for compressed air from a compressor is disclosed. The air drying and purification system comprises a separator chamber for at least partially drying and purifying compressed air from the compressor by separating moisture and entrained particulate material and other contaminants from the compressed air. The separator chamber has an inlet for compressed air; a contact surface facing the inlet and forming an impact zone for separating moisture and entrained particulates and other contaminants from compressed air entering the separator chamber via the inlet; an outlet for at least partially dried and purified compressed air; and an adjustable valve member for controlling the flow of compressed air from the separator chamber via the outlet.

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CPC (source: EP)

B01D 45/12 (2013.01); **B01D 50/20** (2022.01); **B01D 53/26** (2013.01)

Citation (search report)

- [Y] WO 9427706 A1 19941208 - AP SYSTEMS AUSTRALIA [AU], et al
- [Y] US 4867767 A 19890919 - YOKOYAMA TAKESHI [JP]
- [Y] US 5145495 A 19920908 - ELAMIN NAMAN A [US]
- [A] US 4087263 A 19780502 - SCHONMANN JR FREDI
- See also references of WO 9733679A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

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