

Title (en)

Multistage piston compressor with oil filter

Title (de)

Mehrstufiger Kolbenverdichter mit Ölfilter

Title (fr)

Compresseur à piston à plusieurs étages avec filtre à huile

Publication

**EP 1043501 B1 20061011 (DE)**

Application

**EP 00106145 A 20000321**

Priority

DE 19916172 A 19990410

Abstract (en)

[origin: EP1043501A2] The filter (5) is fitted in a breather of a crankcase (1) for a multi-stage compressor. The filter is connected to the crank on the inlet side and to the atmosphere on the output side. The filter is a very fine filter and has an oil collection vol. (6) the inlet side with an oil outlet connected to the crankcase

IPC 8 full level

**F04B 39/04** (2006.01); **F04B 39/16** (2006.01); **F01M 13/04** (2006.01); **F04B 39/02** (2006.01)

CPC (source: EP US)

**F04B 39/0207** (2013.01 - EP US); **Y10S 55/19** (2013.01 - EP US)

Cited by

EP3578817A1; WO2007148059A1

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)

**EP 1043501 A2 20001011**; **EP 1043501 A3 20010228**; **EP 1043501 B1 20061011**; AT E342442 T1 20061115; DE 19916172 A1 20001019; DE 19916172 C2 20010531; DE 50013582 D1 20061123; JP 2000303955 A 20001031; SG 82075 A1 20010724; US 6398828 B1 20020604

DOCDB simple family (application)

**EP 00106145 A 20000321**; AT 00106145 T 20000321; DE 19916172 A 19990410; DE 50013582 T 20000321; JP 2000107437 A 20000410; SG 200001712 A 20000322; US 54597200 A 20000410