

Title (en)

Reciprocating type compressor comprising a suction chamber and partition walls in a cylinder head

Title (de)

Verdrängerverdichter mit einer Saugkammer und Trennwände in einem Zylinderkopf

Title (fr)

Compresseur alternatif comprenant une chambre d'aspiration et des parois de séparation dans une culasse

Publication

EP 1041285 A3 20020403 (EN)

Application

EP 00302566 A 20000328

Priority

JP 9493699 A 19990401

Abstract (en)

[origin: EP1041285A2] To provide a reciprocating type compressor including a cylinder head capable of preventing the mutual interference of sucked gases and avoiding the pulsation of suction pressure generated, thereby preventing the noise in the interior of a car, suction chambers are formed in the vicinity of the refrigerant introduction hole of a cylinder head and partition walls are disposed to the cylinder head around the outer peripheries of the suction chambers for introducing a fluid into respective bores. <IMAGE>

IPC 1-7

F04B 39/12; **F04B 39/00**; **F04B 27/10**

IPC 8 full level

F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 39/00** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)

F04B 27/1081 (2013.01); **F04B 39/0055** (2013.01); **F04B 39/125** (2013.01)

Citation (search report)

- [AD] JP H0735039 A 19950203 - TOYODA AUTOMATIC LOOM WORKS
- [A] US 4880361 A 19891114 - IKEDA HAYATO [JP], et al
- [A] US 4936754 A 19900626 - SUZUKI SHINICHI [JP], et al
- [A] US 4813852 A 19890321 - IKEDA HAYATO [JP], et al
- [A] US 4070136 A 19780124 - NAKAYAMA SHOZO, et al

Cited by

CN109145498A; EP1132617A3; EP1637737A1; US10253766B2; US7607900B2

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 1041285 A2 20001004; **EP 1041285 A3 20020403**; **EP 1041285 B1 20050309**; DE 60018497 D1 20050414; DE 60018497 T2 20050728; JP 2000291546 A 20001017; JP 3899203 B2 20070328

DOCDB simple family (application)

EP 00302566 A 20000328; DE 60018497 T 20000328; JP 9493699 A 19990401