

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 A2 20001004 (EN)**

Application

**EP 00302566 A 20000328**

Priority

JP 9493699 A 19990401

Abstract (en)

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 39/10**

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)

Cited by

EP1132617A3; EP1637737A1; CN109145498A; CN112412739A; US7607900B2; US10253766B2

Designated contracting state (EPC)

DE FR

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