

Title (en)  
VARIABLE DISPLACEMENT TYPE COMPRESSOR

Title (de)  
KOMPRESSOR MIT VARIABLER VERDRÄNGUNG

Title (fr)  
COMPRESSEUR DU TYPE A CYLINDREE VARIABLE

Publication  
**EP 1264987 A1 20021211 (EN)**

Application  
**EP 00957045 A 20000908**

Priority  
• JP 0006143 W 20000908  
• JP 2000062262 A 20000307

Abstract (en)  
In a variable capacity compressor including a cylinder block 1 having a plurality of cylinder bores 6, a shaft 5 rotatably supported in a central portion of the cylinder block 1, a swash plate 10 mounted on the shaft 5, for rotation in unison with the shaft 5, and a plurality of pistons 20 connected to the swash plate 10, for performing linear reciprocating motion within the cylinder bore 6 by rotation of the swash plate 10, a guide portion 28 for guiding the piston 20 into the cylinder bore 6 when the piston 20 is assembled in the cylinder bore 6, is formed on a top face-side end 20a of the hollow cylindrical portion 22 of the piston 20. <IMAGE>

IPC 1-7  
**F04B 27/12**

IPC 8 full level  
**F04B 27/08** (2006.01); **F04B 39/14** (2006.01)

CPC (source: EP)  
**F04B 27/0878** (2013.01); **F04B 39/14** (2013.01)

Cited by  
EP2025935A4; EP2613051A3; CN102345583A; US8210092B2; WO2008101749A1; US8418333B2; US8695191B2; US9115704B2; US9140248B2

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 1264987 A1 20021211**; **EP 1264987 A4 20040728**; JP 2001248550 A 20010914; WO 0166945 A1 20010913

DOCDB simple family (application)  
**EP 00957045 A 20000908**; JP 0006143 W 20000908; JP 2000062262 A 20000307