

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

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