

Title (en)
VARIABLE DISPLACEMENT TYPE COMPRESSOR

Title (de)
KOMPRESSOR MIT VARIABLER VERDRÄNGUNG

Title (fr)
COMPRESSEUR DU TYPE A CYLINDREE VARIABLE

Publication
EP 1264987 A4 20040728 (EN)

Application
EP 00957045 A 20000908

Priority
• JP 0006143 W 20000908
• JP 2000062262 A 20000307

Abstract (en)
[origin: EP1264987A1] 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)

Citation (search report)
• [X] JP H10299655 A 19981110 - CALSONIC CORP
• [X] US 6024009 A 20000215 - MORITA YUJIRO [JP]
• [XY] JP H11257218 A 19990921 - TOYODA AUTOMATIC LOOM WORKS
• [X] US 3998570 A 19761221 - JACOBS JAMES W
• [X] JP H10159725 A 19980616 - SANDEN CORP
• [Y] EP 0952340 A2 19991027 - TOYODA AUTOMATIC LOOM WORKS [JP]
• See references of WO 0166945A1

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DE FR

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