Title (en)

RADIAL PISTON ENGINE WITH ROLLER GUIDES

Title (de)

RADIALKOLBENMASCHINE MIT ROLLENFÜHRUNGEN

Title (fr)

MOTEUR A PISTONS RADIAUX AVEC ELEMENTS DE GUIDAGE DE GALETS

Publication

EP 1099055 A1 20010516 (DE)

Application

EP 99934645 A 19990709

Priority

- DE 19832696 A 19980721
- EP 9904835 W 19990709

Abstract (en)

[origin: DE19832696A1] The radial piston machine has a displacement ring (5), a cylinder block (18) with cylinders (35) each containing a piston (4) supported on the ring by a roller supported at the endfaces by roller guides (53). At least one of the two roller guides is connected directly to the cylinder block, without auxiliary parts, so that it cannot rotate.

IPC 1-7

F03C 1/04

IPC 8 full level

F03C 1/047 (2006.01); **F03C 1/04** (2006.01); **F04B 1/04** (2006.01)

CPC (source: EP US)

F04B 1/0439 (2013.01 - EP US)

Citation (search report)

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Cited by

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DE 19832696 A1 20000127; DE 59906111 D1 20030731; EP 1099055 A1 20010516; EP 1099055 B1 20030625; JP 2002521606 A 20020716; US 6443047 B1 20020903; WO 0005502 A1 20000203

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