

Title (en)

Device with rotary pistons circulating in a ring shaped space, enclosing an expansion chamber

Title (de)

Vorrichtung mit mindestens zwei in einem Ringraum umlaufenden, eine Expansionskammer begrenzenden Rotationskolben

Title (fr)

Dispositif à pistons rotatifs circulant dans un espace en forme de bague, délimitant une chambre d'expansion

Publication

**EP 0918138 A3 20000202 (DE)**

Application

**EP 98119357 A 19981014**

Priority

DE 19745449 A 19971015

Abstract (en)

[origin: DE19745449A1] The rotary piston device has at least two rotary pistons running round in an annular cavity, bounding at least one expansion chamber in the cavity at front and back. The rotary pistons are connected by a transmission device to a common torque transmission shaft (22) so that the volume of the expansion chambers in the running direction is alternately contracted and expanded. The transmission device between the shaft and at least one of the pistons has at least one cranked cardan joint (23,24) which is not compensated in respect of its cycling rotary phase shift.

IPC 1-7

**F01C 1/063**; F02B 53/00

IPC 8 full level

**F01C 1/07** (2006.01)

CPC (source: EP)

**F01C 1/07** (2013.01); **F02B 2053/005** (2013.01)

Citation (search report)

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- [X] WO 9710419 A1 19970320 - LARI HASSAN B [US], et al
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Designated contracting state (EPC)

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**DE 19745449 A1 19990429**; EP 0918138 A2 19990526; EP 0918138 A3 20000202

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