

Title (en)

ROTARY MACHINE WITH PISTONS HAVING A NON-UNIFORM ROTATIONAL SPEED

Publication

**EP 0083892 A3 19840808 (FR)**

Application

**EP 82402384 A 19821224**

Priority

- FR 8200231 A 19820108
- FR 8220222 A 19821202

Abstract (en)

[origin: EP0083892A2] This machine consists essentially of a primary or driving rotor (1) carrying toroidal pistons (2) coaxial with the axis of rotation of the rotor (1) and of a secondary or driven rotor (3) laid coaxially against the primary rotor (1) and carrying toroidal chambers (4), in which the toroidal pistons (2) are mounted slidably. The two rotors (1 and 3) are coupled by means (5) for transmitting the rotation of the primary rotor (1) to the secondary rotor (3), in such a way that the secondary rotor (3) is driven intermittently by the primary rotor (1) in order to take up the latter periodically, whilst at the same time ensuring the blocking or rotation of the secondary rotor (3) in both directions during its periodic stops. The machine of the invention can operate both as a generating or as a receiving machine and is used particularly for the propulsion of ships. <IMAGE>

IPC 1-7

**F01C 1/067**

IPC 8 full level

**F01C 1/067** (2006.01)

CPC (source: EP)

**F01C 1/067** (2013.01)

Citation (search report)

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DOCDB simple family (publication)

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