

Title (en)
Rotary hydraulic pump.

Title (de)
Rotationshydraulikpumpe.

Title (fr)
Pompe hydraulique rotative.

Publication
EP 0231579 A1 19870812 (EN)

Application
EP 86306782 A 19860902

Priority
GB 8522258 A 19850907

Abstract (en)
A rotary hydraulic machine usable as a pump for marine auto-pilot installations includes a rotor block (15) rotatable in a stator (1), the rotor block having a cylinder (14) within which slides a piston (13) on an axis perpendicular to the axis of rotation of the rotor block in the stator. Ports (25, 26) communicate with the cylinder on opposite sides of the piston. The axis of rotation of the rotor block in the stator is eccentric relative to the axis of the drive shaft (6) which drives the rotor block, a lost motion connection (10,12) being provided between the drive shaft and the piston, so that rotation of the rotor block in the stator is accompanied by reciprocation of the piston in the cylinder and hydraulic fluid flow in the ports.

IPC 1-7
F04B 1/10; **F04C 2/00**

IPC 8 full level
F04B 1/113 (2006.01)

CPC (source: EP)
F04B 1/1136 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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