

Title (en)  
Hydraulic piston apparatus.

Title (de)  
Flüssigkeitskolbenvorrichtung.

Title (fr)  
Dispositif hydraulique à piston.

Publication  
**EP 0471098 A1 19920219 (EN)**

Application  
**EP 90115518 A 19900813**

Priority  
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Abstract (en)  
A hydraulic piston apparatus has an eccentric shaft (C), a rotor (R) having the eccentric shaft (C) eccentrically disposed therein, a plurality of pistons (P) radially disposed within the rotor (R), heads of the pistons being normally contacted with the outer periphery of the eccentric shaft (C), and working liquid current straightening means disposed in such a manner as to contact with a working liquid inlet and outlet port of each of the pistons.  
<IMAGE>

IPC 1-7  
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IPC 8 full level  
**F04B 1/00** (2006.01); **F04B 1/053** (2006.01); **F04B 1/06** (2006.01); **F04B 1/107** (2006.01); **F04B 1/113** (2006.01); **F04B 1/12** (2006.01); **F04B 49/10** (2006.01)

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