

Title (en)

Pressurised fluid mechanism with equalizing enclosures.

Title (de)

Druckflüssigkeitsvorrichtung mit Ausgleichsräumen.

Title (fr)

Mécanisme à fluide sous pression muni d'enceintes d'équilibrage particulières.

Publication

EP 0526333 B1 19950510 (FR)

Application

EP 92402189 A 19920730

Priority

FR 9109817 A 19910801

Abstract (en)

[origin: US5261318A] The invention relates to a mechanism comprising: a cam; cylinders; pistons; two main enclosures containing feed fluid and exhaust fluid; a fluid distributor; and balancing enclosures communicating with distribution ducts included in the distributor. According to the invention, the distributor includes a face facing a reaction face secured to the cam or to the cylinder block, the balancing enclosures being constituted by chambers that open out into said end face and by a sealing device received inside the chamber and bearing against the reaction face. One application lies in providing a range of compact motors.

IPC 1-7

F03C 1/04; **F04B 1/04**

IPC 8 full level

F03C 1/40 (2006.01); **F04B 1/04** (2006.01)

CPC (source: EP US)

F03C 1/045 (2013.01 - EP US); **F04B 1/0465** (2013.01 - EP US)

Cited by

EP0887548A1; FR2794496A1; EP1058002A3; FR3011045A1; CN105593519A; KR20160058901A; AU2014326490B2; WO2015044571A1

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