

Title (en)
PISTON PUMP

Publication
EP 0149219 A3 19870616 (DE)

Application
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DE 3347307 A 19831228

Abstract (en)
[origin: US4583921A] A pump which operates with several plungers is described with the plunger preferably being actuated via an eccentric drive unit and, having regard to the particular volume of flow per unit time, using several small plungers rather than a lesser number of comparatively large plungers, and accordingly operating with a large number of small volume displacements at a comparatively high speed of rotation. In this arrangement the suction chamber is centrally arranged in the pump body and the high pressure outlets of the pump chambers, which open into a common pressure chamber of ring-like construction, extend at least substantially in a radial direction.

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IPC 8 full level
F04B 1/12 (2006.01); **F04B 1/14** (2006.01); **F04B 53/08** (2006.01)

CPC (source: EP US)
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F04B 53/08 (2013.01 - EP US)

Citation (search report)
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• [X] FR 1587661 A 19700327
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