

Title (en)

Improvement for radial piston pumps

Title (de)

Verbesserung von Radialkolbenpumpen

Title (fr)

Perfectionnement aux pompes à barillet

Publication

**EP 1887222 A1 20080213 (FR)**

Application

**EP 07290798 A 20070627**

Priority

FR 0606863 A 20060726

Abstract (en)

The pump has bores (2a, 2b) communicate with a supply duct by ducts emptying into a chamber that is located behind a spring barrel (1). A conveyor collector (9) is equipped with a cup that communicates with a conveyor duct. The collector is eccentric relative to the axis of the spring barrel, such that each of the ducts empties into the chamber during a half-turn. The collector is balanced hydrostatically by pressure, and resting against the rear surface of the spring barrel.

Abstract (fr)

Pompe à barillet caractérisée par le fait que les alésages (2) dans lesquels se déplacent les pistons (4) sont ménagés à travers le barillet (1) diamétralement à son axe (XX).

IPC 8 full level

**F04B 1/107** (2006.01); **F04B 1/047** (2006.01)

CPC (source: EP US)

**F04B 1/0472** (2013.01 - EP US); **F04B 1/1072** (2013.01 - EP US)

Citation (search report)

- [A] DE 19504380 A1 19960711 - LINEAR ANSTALT [LI]
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US2015110656A1

Designated contracting state (EPC)

CH DE FR IT LI

Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 1887222 A1 20080213**; **EP 1887222 B1 20091028**; DE 602007002954 D1 20091210; FR 2904380 A1 20080201; US 2008025850 A1 20080131

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