

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

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CH DE FR IT LI

Designated extension state (EPC)
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DOCDB simple family (publication)
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