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EP 2802776 A4 20151209 (EN)

Application
EP 11877611 A 20111222

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CN 2011084449 W 20111222

Abstract (en)
[origin: WO2013091218A1] A pump (10) includes a drive assembly (14) having a drive shaft rotatable about a drive axis (98), and an eccentric (106) coupled to the drive shaft for rotation therewith. The eccentric (106) includes a shaft portion (118) defining an eccentric axis (122) that is offset from the drive axis (98). The shaft portion (118) includes a shaft end defining a first alignment feature (124). A piston (166) is rotatably coupled to the shaft portion (118) and defines a second alignment feature (190). A cylinder (30) reciprocatingly receives the piston (166). Positioning the first alignment feature (124) in a predetermined orientation with respect to the second alignment feature (190) locates the piston in one of a top-dead-center position and a bottom-dead-center position with respect to the cylinder (30). A method for orienting a first piston (166) and a second piston (166) in a dual piston pump (10) is also provided.

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Citation (search report)
- [X] US 2009104052 A1 20090423 - LEU SHAWN A [US], et al
- [X] WO 03016717 A1 20030227 - THOMAS INDUSTRIES INC [US], et al
- [X] FR 557006 A 19230801
- [X] CH 129676 A 19290102 - ROSSET L E [CH], et al
- See references of WO 2013091218A1

Designated contracting state (EPC)
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