

Title (en)

RECIPROCATING PUMP WITH AN ECCENTRIC BEARING THAT IS DEVOID OF PLAY

Title (de)

KOLBENPUMPE MIT SPIELFREIEM EXZENTERLAGER

Title (fr)

POMPE A PISTON POURVUE D'UN ROULEMENT A EXCENTRIQUE SANS JEU

Publication

EP 1597478 A1 20051123 (DE)

Application

EP 03782131 A 20031205

Priority

- DE 0304012 W 20031205
- DE 10307128 A 20030220

Abstract (en)

[origin: DE10307128B3] The piston pump has a drive unit for rotation of pump piston (6) via an eccentric (1), with a roller bearing (2) provided between the eccentric and the pump piston. The eccentric has an elliptical shape with the length of the larger ellipse axis (A-B) being greater than the inner diameter (Di) of the roller bearing, which is elastically deformable for fitting around the eccentric without play.

IPC 1-7

F04B 1/04

IPC 8 full level

F04B 1/04 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2004074682A1

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