

Title (en)

Driving device of a piston pump for cryogenic fluids

Title (de)

Triebwerk einer Kolbenpumpe für cryogene Anwendungen

Title (fr)

Dispositif d'entraînement d'une pompe à piston pour des fluides à très basse température

Publication

**EP 0677659 B1 20001129 (DE)**

Application

**EP 95810209 A 19950330**

Priority

CH 109494 A 19940413

Abstract (en)

[origin: EP0677659A2] The drive mechanism is for a piston pump for cryogenic use and involves a crankshaft (2), a connecting rod (10) with a head (12) and a cross head (22), on which a drive rod (32) engages, which via a coupling (31) is connected with the piston rod (32) of the pump (40). The connecting rod head is formed as a ball head which is pivotably located in the cross head. The connecting rod head has an extension (14) screwable into the shaft (11) of the connecting rod and is fixable by a counter nut (18), so that the connecting rod is adjustable as to length. In the shaft of the connecting rod, a central threaded hole is provided in which the extension formed as a threaded rod is screwed and secured. <IMAGE>

IPC 1-7

**F04B 53/14**; F04B 15/08; F04B 49/00

IPC 8 full level

**F04B 15/08** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP)

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Cited by

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**EP 0677659 A2 19951018**; **EP 0677659 A3 19961113**; **EP 0677659 B1 20001129**; CH 688919 A5 19980529; DE 59508873 D1 20010104

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