

Title (en)

ROTARY PISTON PUMP, METHOD FOR SECURING ROTARY PISTONS OF A ROTARY PISTON PUMP AND METHOD FOR REMOVING ROTARY PISTONS OF A ROTARY PISTON PUMP

Title (de)

DREHKOLBENPUMPE, VERFAHREN ZUR FIXIERUNG VON DREHKOLBEN EINER DREHKOLBENPUMPE UND VERFAHREN ZUR DEMONTAGE VON DREHKOLBEN EINER DREHKOLBENPUMPE

Title (fr)

POMPE À PISTONS ROTATIFS, PROCÉDÉ DE FIXATION DE PISTONS ROTATIFS D'UNE POMPE À PISTONS ROTATIFS ET PROCÉDÉ DE DÉMONTAGE DE PISTONS ROTATIFS D'UNE POMPE À PISTONS ROTATIFS

Publication

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Application

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Abstract (en)

[origin: WO2016082814A1] The invention relates to a rotary piston pump having at least two counter-rotating rotary pistons which are arranged in a pump space on drive shafts. The rotary pistons each have a recess for the drive shafts. The respective drive shaft is arranged and secured with an end region in the recess of the respective rotary piston. According to the invention, a diameter of the drive shafts can be widened elastically in the end region. In an operating state in which the rotary pistons are arranged on the respective drive shafts, a friction-fit is established between the respective recess of the rotary piston and the end region of the respective drive shaft. The invention also relates to a method for securing rotary pistons in a rotary piston pump and to a method for removing rotary pistons of an above-described rotary piston pump.

IPC 8 full level

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