

Title (en)

Measuring system and method for measuring the play of a cartridge pivoting unit

Title (de)

Messanordnung und Messverfahren zur Ermittlung des Spiels einer Kartuschenschwenkeinheit

Title (fr)

Dispositif de mesure et procédé de mesure destinés à déterminer le jeu d'une unité de pivotement de cartouche

Publication

EP 2020299 B1 20111123 (DE)

Application

EP 08013147 A 20080722

Priority

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Abstract (en)

[origin: US2009033706A1] A measuring arrangement and measurement method determine the play of a cartridge pivot unit of an inkjet printing system that has at least one stop for the cartridge pivot unit. The cartridge pivot unit is driven by a first motor via a gear train and is equipped with a first movement sensor to establish a movement of the cartridge pivot unit upon leaving the stop. The cartridge pivot unit moves only when the play of the gear train is overcome. The stop for the cartridge pivot unit is formed by a mobile cleaning and sealing station. A counter is provided to count pulses, the count being representative of the play of the gear train of the cartridge pivot unit counting begins with leaving the mobile stop and continues until the movement of the cartridge pivot unit upon leaving the stop again ensues in conformity with the actuation by the first motor.

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