

Title (en)

PROGRESSIVE CAVITY PUMP, PIN JOINT, AND METHOD FOR PRODUCING A PIN JOINT

Title (de)

EXZENTERSCHNECKENPUMPE, BOLZENGelenK UND VERFAHREN ZUM HERSTELLEN EINES BOLZENGelenKS

Title (fr)

POMPE À VIS EXCENTRIQUE, ACCOUPLEMENT À PIVOT ET PROCÉDÉ DE PRODUCTION D'UN ACCOUPLEMENT À PIVOT

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Application

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Abstract (en)

[origin: WO2015104012A1] Disclosed is a progressive cavity pump (1) comprising a pin joint (7), a stator (3), a rotor (4), and a drive shaft (5), wherein a coupling rod (6) is arranged between the rotor (4) and the drive shaft (5) in a universally jointed manner by means of two pin joints (7). Each pin joint (7) comprises a joint head (10), which is formed by an inner joint part (8) and an outer joint part (9), wherein the inner joint part (8) and the outer joint part (9) each have a diametric bore (11, 12, 12*) through which a pin (15*) is guided. The pin (15*) consists of a base part (16*), at the free ends of which respective head parts (17*, 18*) that enlarge the cross-section of the pin are arranged and fastened. According to the invention, a sealing element (32) is arranged in a boundary region between the base part (16*) and at least one head part (18*). Disclosed are also a pin joint (7) for a progressive cavity pump and a method for producing a pin joint for a progressive cavity pump.

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