

Title (en)
ROLLING FLUID PUMP

Title (de)
ROLLFLÜSSIGKEITSPUMPE

Title (fr)
POMPE À FLUIDE ROULANTE

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Application
EP 09810836 A 20091209

Priority
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Abstract (en)
[origin: WO2010066210A2] The invention relates to a rolling fluid pump comprising a pump casing (1), equipped with a fluid inlet (6) and a fluid outlet (7) and a stator, inside of which at least one rolling rotor (3) is positioned. The rolling rotor (3) is positioned in a rotating manner on a shaft (4) that passes through the cover (1) of the pump casing by means of a ball joint (5), where the shaft (4) is firmly attached to the positioner (13) of the input shaft (11), which is connected to the input shaft (11). The input shaft is lodged in the suspension bearing (12) of the input shaft (11), which is a part of the input housing (10). A replenishing vane (9) attached to an adjustable locking device (14) is positioned on the pump shaft above the rotor (3) in the free space between the rotor (3) and the stator (2).

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