

Title (en)

INTERNAL GEAR MACHINE FOR REVERSED OPERATION IN A CLOSED HYDRAULIC CIRCUIT

Title (de)

INNENZAHNRADMASCHINE FÜR REVERSIERBETRIEB IM GESCHLOSSENEN HYDRAULISCHEN KREISLAUF

Title (fr)

MACHINE A ENGRENAGE INTERNE DESTINEE AU FONCTIONNEMENT REVERSIBLE DANS UN CIRCUIT HYDRAULIQUE FERME

Publication

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Application

EP 00943999 A 20000705

Priority

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Abstract (en)

[origin: US6419471B1] The invention relates to an internal gear machine for reversed operation in a closed circuit comprising an outer-toothed pinion, an inner-toothed ring gear meshing with the pinion; a housing; a filling that fills the sickle-shaped space between the pinion and the ring gear; the filling comprises two identical filler pieces; a stop pin is provided that is mounted in the housing and against which the filler pieces are supported by their front faces; the housing has two pressure lines and a drain outlet; the filler pieces are symmetrically disposed relative to a plane (symmetrical plane) extending through the center points of the pinion and the ring gear; the two pressure lines are located on both sides of the symmetrical plane viewed in axial direction.

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