

Title (en)
DRIVING OR OPERATING MACHINE WITH BALANCING ARRANGEMENT

Title (de)
ANTRIEBS-ODER ARBEITSMASCHINE MIT AUSGLEICHSANORDNUNG

Title (fr)
MACHINE D'ENTRAÎNEMENT OU FONCTIONNELLE AVEC AGENCEMENT D'ÉQUILIBRAGE

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Application
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Abstract (en)
[origin: WO2016128926A1] A machine (1) comprises: - a rotor (10) exhibiting a preset number (n) of end zones (1 1); - a stator (20) exhibiting a recess (21) delimited by an inner surface (22a). The rotor (10) is eccentrically mounted internally of the recess (21) of the stator (20) and is movable relative to the stator (20) by performing a roto-orbital movement about an axis (A1) of the recess (21). Each end zone (1 1) of the rotor (10) is provided with a rolling element (16) suitable for rolling on the inner surface (22a) of the recess (21), in such a manner as to remain in contact with the inner surface (22a) of the recess (21), while the rotor (10) is roto-orbiting about the axis (A1) of the recess (21). The machine (1) is further provided with a balancing arrangement, so that pressurized fluid exerts axially balanced focus on the rotor (10).

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