

Title (en)
VARIABLE PENDULUM SLIDER LUBRICATION PUMP

Title (de)
SCHMIERMITTELPUMPE MIT VARIABLEM PENDELSCHIEBER

Title (fr)
POMPE DE LUBRIFICATION À DISPOSITIF DE COULISSEMENT À PENDULE VARIABLE

Publication
EP 3303842 A1 20180411 (EN)

Application
EP 15726998 A 20150608

Priority
EP 2015062737 W 20150608

Abstract (en)
[origin: WO2016198091A1] The invention refers to a variable pendulum slider lubrication pump (10) for providing pressurized liquid lubricant to an internal combustion engine. The pump (10) comprises a non-rotatable and radially shiftable control ring (12), a rotatable and radially shiftable outside pump rotor ring (14) which rotates inside the control ring (12), a rotatable and non-shiftable inside pump rotor ring (16) which is co-rotatably connected to the outside pump rotor ring (14), a plurality of separation pendulums vanes (20) which co-rotate with the outside pump rotor ring (14) and the inside pump rotor ring (16) and fluidically separate a plurality of rotating pumping compartments (21), and a plurality of separate driving means (22) which rotatably connect the outside pump rotor ring (14) with the inside pump rotor ring (16), the driving means (22) being provided within the respective pumping compartments (21).

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