

Title (en)
DISPLACEMENT PUMP

Title (de)
VERDRÄNGERPUMPE

Title (fr)
POMPE VOLUMETRIQUE

Publication
EP 4048868 A1 20220831 (FR)

Application
EP 20788807 A 20201012

Priority
• BE 201905729 A 20191021
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Abstract (en)
[origin: WO2021078555A1] A displacement pump (1), the principle of which involves sliding vanes (22) into the slots (21) of a rotor (20) in a movement with an axial component. These vanes (22) follow a guide (11), which can be, for example, tracks on flanges (12, 13). Two successive vanes (22) form a cavity, the volume of which varies periodically during the rotation of the rotor (20) by virtue of the sliding of the vanes (22), cyclically causing the fluid to be sucked into, then discharged from, the pump (1).

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2021078555A1

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