

Title (en)
HYDROSTATIC MACHINE COMPRISING A CAM RING

Title (de)
HYDROSTATISCHE MASCHINE MIT NOCKENRING

Title (fr)
MACHINE HYDROSTATIQUE COMPORTANT UNE BAGUE DE CAME

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Application
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Abstract (en)
[origin: WO2020008145A1] The invention relates to a hydrostatic machine (1) comprising a stator (2) and a rotor (3). The stator (2) comprises an inner cylindrical surface (21) with a constant diameter and a cam ring (11) comprising a cam track (14) on the inner circumference thereof, the outer circumference of said cam ring being mounted in the aforementioned inner cylindrical surface (21). The hydrostatic machine also comprises two bearings (23, 24) which allow the rotation of the rotor (3) in relation to the stator (2) and which are mounted on the inner cylindrical surface (21) of the stator (2), axially either side of the cam ring (11), the cam ring (11) and the two bearings (23, 24) having the same outer diameter.

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