

Title (en)

PRODUCTION METHOD, PISTON BLANK, PISTON AND AXIAL PISTON MACHINE HAVING SAID PISTON

Title (de)

HERSTELLUNGSVERFAHREN, KOLBENROHLING, KOLBEN SOWIE AXIALKOLBENMASCHINE MIT DEM KOLBEN

Title (fr)

PROCÉDÉ DE FABRICATION, ÉBAUCHE DE PISTON, PISTON ET MACHINE À PISTONS AXIAUX AYANT CE PISTON

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019042495A1] Axial piston machines are known that work as a pump and/or motor, wherein the axial piston machines have at least one axial piston. In relation to this, a production method is proposed comprising the method steps: producing an intermediate blank (7) of a piston (2), in particular an axial piston, for an axial piston machine (1) by means of extrusion, wherein the intermediate blank (7) has a shaft section (7b), a ball head section (7a) and a sealing section (7c), wherein the shaft section (7b) connects the ball head section (7a) to the sealing section (7c); and producing a piston blank (14) from the intermediate blank (7), wherein a through opening (15) is introduced into the intermediate blank (7) by means of machining, wherein the through opening (15) extends within the piston blank (7) in the longitudinal direction.

IPC 8 full level

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