

Title (en)  
VANE-STATOR WALL COMBINATION FOR ROTARY HYDRAULIC DEVICES

Publication  
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Application  
**EP 81401457 A 19810918**

Priority  
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Abstract (en)  
[origin: ES8206773A1] This invention relates to rotary hydraulic devices of the volumetric or displacement pump type, having a stator and a rotor and vanes axially sliding in the rotor, the stator comprising at least one bottom surface presenting a variable number of recesses therein with ramps and rectilinear zones suited to the operation, said vanes following said bottom surface. In accordance with the invention, the vanes are equipped with an integral or inset base, with end lobes of cylindric shape having a radius of curvature corresponding to that of the milling cutter used for machining the stator. Access to the recesses occurs by means of two ramps corresponding to the lobes of cylindric shape of the vane bases.

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IPC 8 full level  
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**EP 0048673 A1 19820331; EP 0048673 B1 19840530**; AT E7729 T1 19840615; BR 8105989 A 19820608; DE 3163898 D1 19840705; DK 415581 A 19820320; ES 505607 A0 19820816; ES 8206773 A1 19820816; FR 2490747 A1 19820326; FR 2490747 B1 19821217; JP S5783688 A 19820525; US 4425088 A 19840110

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