

Title (en)  
SEAL FOR A ROTARY PISTON MACHINE

Title (de)  
DICHTUNG FÜR KREISKOLBENMASCHINEN

Title (fr)  
ETANCHEITE POUR MOTEUR A PISTONS ROTATIFS

Publication  
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Application  
**EP 09744913 A 20091016**

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Abstract (en)  
[origin: WO2010042967A2] The invention relates to a rotary piston machine having a plurality of rotary wing pistons, wherein the peripheral surfaces (26, 36) of the rotary wing pistons (20, 30) and the flank surfaces (27, 37) thereof on either side are provided with a sealing gap coating, which is made of a structured, graphite-containing, high-stability sealant/lubricant compound (DS) applied fixedly thereon, which is formed by a sealant/lubricant lattice (9) of mutually intersecting elevated sealing webs (90) comprising the sealant/lubricant compound (DS) applied onto the surfaces of the rotary wing pistons, having depressions or sinks (91) disposed between the sealing webs and extending to the uncoated surfaces of the rotary wing pistons.

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