

Title (en)  
STATOR WITH RIGID RETAINING RING

Title (de)  
STATOR MIT STABILEM STIRNRING

Title (fr)  
STATOR AVEC ANNEAU FRONTAL RIGIDE

Publication  
**EP 1222396 B1 20041222 (DE)**

Application  
**EP 00978972 A 20001005**

Priority  
• DE 0003491 W 20001005  
• DE 19950258 A 19991018

Abstract (en)  
[origin: US6666668B1] On an eccentric screw pump or an eccentric screw motor, both the outer wall and the inner wall of the jacket (21) have a helicoid form. In order to stabilise the cross-sectional profile of the jacket (21) in the vicinity of the ends and to allow it to be simply coupled to the other housing sections (5, 6), a retaining ring (28) sits on each end of the jacket (21). The retaining ring contains a through channel (32), whose cross-sectional surface has a form which substantially corresponds to the cross-sectional surface that is delimited by the inner wall (23) or outer wall (24).

IPC 1-7  
**F04C 2/107**

IPC 8 full level  
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CPC (source: EP US)  
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