

Title (en)

STATOR FOR A PROGRESSIVE CAVITY PUMP

Title (de)

STATOR FÜR EXZENTERSCHNECKENPUMPEN

Title (fr)

STATOR POUR POMPE A VIS SANS FIN EXCENTRIQUE

Publication

EP 1552149 A1 20050713 (DE)

Application

EP 03794786 A 20030813

Priority

- DE 0302726 W 20030813
- DE 10241753 A 20020910

Abstract (en)

[origin: DE10241753C1] The stator has a hollow body (1) made of an elastic material, provided with a screw-shaped interior (2) for reception of a rotor (3) and enclosed by a mantle assembled from a number of linked segments (4,4a,4b) extending in the axial direction. The side edges of the segments are shaped to allow the adjacent segments to be interlinked to form a coupling which is resistant to applied tension, with a planar surface between the segment side edges, so that the linked segments form a polygon, the outside surface (7) of the hollow body having a corresponding polygonal shape.

IPC 1-7

F04C 2/107

IPC 8 full level

F04C 2/107 (2006.01); **F04C 15/00** (2006.01)

CPC (source: EP US)

F04C 2/1075 (2013.01 - EP US)

Citation (search report)

See references of WO 2004025124A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 10241753 C1 20031113; AU 2003266122 A1 20040430; BR 0306307 A 20040928; BR 0306307 B1 20120626; DE 10393756 D2 20050811; EP 1552149 A1 20050713; EP 1552149 B1 20151007; JP 2005538298 A 20051215; US 2005147516 A1 20050707; US 7137795 B2 20061121; WO 2004025124 A1 20040325

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DE 10241753 A 20020910; AU 2003266122 A 20030813; BR 0306307 A 20030813; DE 0302726 W 20030813; DE 10393756 T 20030813; EP 03794786 A 20030813; JP 2004534970 A 20030813; US 7486205 A 20050308