

Title (en)
Elastomeric stator for eccentric screw pumps

Title (de)
Elastomerstator für Exzentrerschneckenpumpen

Title (fr)
Stator en élastomère pour pompes à vis excentrique

Publication
EP 0935071 B1 20030514 (DE)

Application
EP 99100630 A 19990114

Priority
DE 19804260 A 19980204

Abstract (en)
[origin: EP0935071A1] Connection rings (7) are located at both ends of the stator. The rings are fabricated separately, and are fastened to the ends of a helical jacket (1), which corresponds to the inner contour of the stator. The jacket has even wall thickness over virtually all of its length. The inner faces of the rings are shaped to conform to the inner contour of the elastomer stator. Each ring has circumferential grooves (9) in the outside, to accommodate sealing rings (10).

IPC 1-7
F04C 2/107

IPC 8 full level
F04C 2/107 (2006.01)

CPC (source: EP)
F04C 2/1075 (2013.01)

Cited by
US7329106B2; US6666668B1; WO0129423A1; WO0129422A1

Designated contracting state (EPC)
AT DE ES FR GB IT

DOCDB simple family (publication)
EP 0935071 A1 19990811; EP 0935071 B1 20030514; AT E240460 T1 20030515; CA 2260634 A1 19990804; CA 2260634 C 20080715; DE 19804260 A1 19990812; DE 19804260 C2 20030410; DE 59905518 D1 20030618; ES 2199487 T3 20040216

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EP 99100630 A 19990114; AT 99100630 T 19990114; CA 2260634 A 19990203; DE 19804260 A 19980204; DE 59905518 T 19990114; ES 99100630 T 19990114