

Title (en)

Security against rotation for stators of eccentric screw pumps

Title (de)

Verdrehsicherung für Statoren von Exzentrerschneckenpumpen

Title (fr)

Sécurité contre la rotation pour des stators de pompes à vis excentrique

Publication

**EP 0987438 A1 20000322 (DE)**

Application

**EP 99117854 A 19990911**

Priority

DE 29816742 U 19980918

Abstract (en)

The turning lock is for the elastomer stator of an eccentric screw conveyor pump. The metal jacket round the elastomer cover has at least one radial stud which can act as a stop on the fixed part of the pump. The jacket (1) has a threaded element, e.g. a nut (8), into which the stud (7), with a corresponding external thread, can be screwed. A free separate part of the stud may have a hose-like covering (11) of elastomer or thermoplastic.

IPC 1-7

**F04C 2/107**

IPC 8 full level

**F04C 2/107** (2006.01)

CPC (source: EP)

**F04C 2/1075** (2013.01)

Citation (search report)

- [A] CH 383782 A 19641031 - NETZSCH MASCHINENFABRIK [DE]
- [A] FR 2126864 A5 19721006 - ZYKLOS METALLBAU XG

Cited by

DE202016105789U1; WO2019149656A1; EA039576B1; DE102019005366A1; DE102019005367A1; CN111670291A; DE102019005367B4; DE202010016196U1; DE202018100587U1; DE202016101870U1; DE202016104173U1

Designated contracting state (EPC)

AT DE IT

DOCDB simple family (publication)

**EP 0987438 A1 20000322; EP 0987438 B1 20010314;** AT E199764 T1 20010315; DE 29816742 U1 19981126; DE 59900057 D1 20010419

DOCDB simple family (application)

**EP 99117854 A 19990911;** AT 99117854 T 19990911; DE 29816742 U 19980918; DE 59900057 T 19990911