

Title (en)

Submersible centrifugal pump with a locking device form locking the stator pack

Title (de)

Zentrifugaltauchpumpe mit einer Verschlussvorrichtung zum Verschliessen des Stators

Title (fr)

Pompe centrifuge submersible avec un dispositif de blocage pour bloquer le bloc stator

Publication

EP 1280999 B1 20091125 (EN)

Application

EP 01925772 A 20010430

Priority

- IB 0100716 W 20010430
- IT MO20000088 A 20000502

Abstract (en)

[origin: WO0183996A1] A locking device for locking the stator pack of a pump (1) comprises shell means (2) suitable for containing pumping stages suitable for pumping a fluid, crown means (3) provided with connecting and fixing means (9) arranged for connecting flange means (8) of said pump (1) to said crown means (3), said flange means (8) being suitable for hermetically closing said shell means (2), elastic ring means (4) arranged between said shell means (2) and said crown means (3), suitable for preventing said crown means (3) from sliding in an axial direction inside said shell means (2), said elastic ring means (4) comprising wedge means provided with a friction surface (7) suitable for being coupled with a respective conjugate surface (7a) of said crown means (3).

IPC 8 full level

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CPC (source: EP)

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