

## № 2310772 SUBMERSIBLE MULTISECTION PUMPING UNIT

FIELD: oil producing industry.

SUBSTANCE: invention can be used for connecting body parts of oil well pumping unit.

Proposed unit consists of separate body parts successively connected to each other.

Head of lower body part is connected with base of upper body part by retainers in form of truncated segments connected to outer surface of head to form closed cylindrical surface.

Protector-lock is installed around surface to press retainers to base and made in form of locking device consisting of two hinge connected parts. One part is furnished

with vertical guides and protective plate forming, together with outer surface of head,

longitudinal slot for submersible cable. Retainers are installed for opening in radial

direction. Protector-lock is secured in head by boss getting into slot arranged on end

face surface of head. Outer diameter of protector-lock does not exceed outer diameters

of body parts. Retainers are located at equal distance from one another, and their

number is three, minimum. Proposed design is adaptable to manufacture, is easy to

mount and demount, improves reliability and increases service life of joint, prevents

damage to cable insulation at lowering and lifting operations.

EFFECT: increased inner diameter and capacity of pumping unit.

5 cl, 5 dwg

