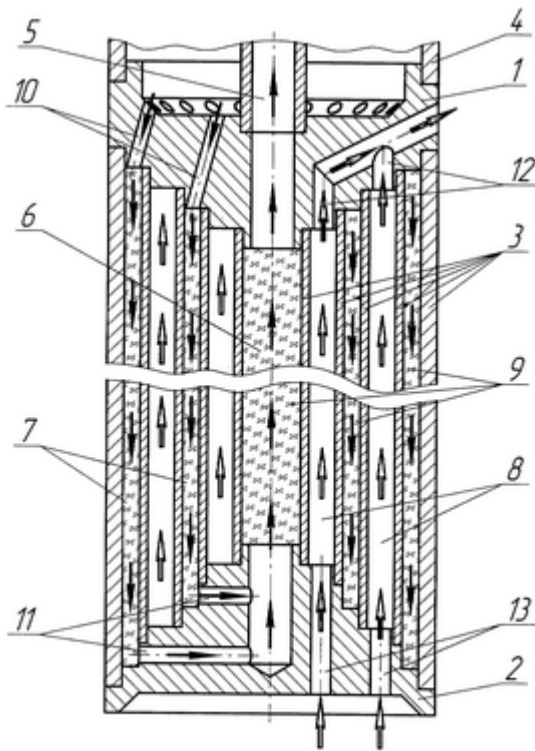


№2301912. Реферат

FIELD: electrical machine building.



Фиг. 1

SUBSTANCE: invention relates to heat exchangers for submersible oil-filled electric motors used as drives of centrifugal electric pumps. Proposed heat exchanger for submersible oil-filled electric motor consists of pipes installed coaxially between upper and lower bushings which form cylindrical and ring channels. Cylindrical and even ring channels communicate with space of electric motor through holes in upper bushing. Each even ring channel communicates through holes in lower

bushing with cylindrical channel to form closed oil circulating circuits. Odd ring channels communicate through holes in lower and upper and upper bushings with well to form passage channels for formation fluid. Cylindrical and even ring channels are furnished with intensifying inserts made of metal foam and connected with walls of pipes.

EFFECT: intensified heat exchange, increased compactness of heat exchanger for submersible oil-filled electric motor.

6 cl, 2 dwg