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The invention relates to the pump engineering in particular to the offtakes of the centrifugal pumps.

The offtake of the centrifugal pump contains a spiral case, a diffuser channel, a tongue, separating the spiral case from the diffuser channel and a conic outlet branch. The tongue is formed by the surfaces intersecting in plane into one and the same point of the spiral pitch circle. The tongue surface, forming the diffuser channel, is made tangential to the pitch circle, and the tongue rounding is made with shift from the spiral initial point towards the liquid flow direction.

The result of the invention consists in reducing the hydraulic loss into the offtake and in increasing the efficiency of the centrifugal pump.

Claims: 2

Fig.: 3