

ABSTRACT

The invention relates to a trench cutter having at least one pair of cutting wheels, at least one bearing plate on which the cutting wheels of a pair are rotatably arranged on the two sides of the bearing plate, a base frame on the underside of which the at least one bearing plate is attached, and a cutting wheel drive for driving the cutting wheels via a transmission lubricated with transmission oil in the bearing plate. According to the invention it is provided that at least one heat exchanger is arranged above the bearing plate and that for cooling the transmission oil, an oil circuit is formed to which the at least one heat exchanger is connected above the bearing plate.

Figure 1