

Induction heating device for heat carriers comprising a housing, a heat exchanger with straight channels for the passage of a heat carrier, secured in two tube sheets, a coil in the form of a hollow tube placed on the outer surface of the housing, a frame consisting of four studs with bolts and two split plates with a cutout for installing the housing. The heat exchanger consists of a bundle of bimetallic tubes, in which outer cladding layers are made of a metal with high electrical conductivity, and an inner layer is made of a metal with high magnetic permeability.