

AC electrotransmission contains a source of alternating current electric energy, one phase end (clamp) of each of all its phases and also the power user is grounded, one phase end (clamp) of each of all its phases is also grounded. The electrotransmission contains at least two lasers in every its phase, one of their output is electrically connected to the ungrounded end (clamp) of AC source of electric energy, one of its output being electrically connected to the ungrounded phase end of the source of alternating current electric energy. The second laser output is electrically connected to the user's ungrounded phase end (clamp).