

A method for brazing an electrically conducting connecting piece, for example a cable shoe, of an electrically conducting material to a workpiece of electrically conducting material, by means of a temperature controlled brazing process in which the heat necessary for brazing is generated by striking an electric arc between a carbon electrode, and the electrically 5 conducting connecting piece, where the voltage and current is electronically controlled by control electronics to achieve a temperature development to result in a martensite free brazing, and wherein the DC voltage applied is using the carbon electrode as the negative pole, and using the electrically conducting connecting piece as the positive pole, and 0 wherein the carbon electrode is having a tapering, bevelled, or pointy end at the end facing the electric arc.