

METHOD AND DEVICE FOR WAVE SOLDERING INCORPORATING A
DRY FLUXING OPERATION

Abstract

The invention relates to a method for wave soldering a circuit using a soldering alloy, during which the circuit is brought into contact with at least one wave of liquid solder, this wave being obtained by pumping a liquid bath of the soldering alloy contained in a vat, through at least one nozzle, characterized in that each of the faces of the circuit has previously been brought, at a pressure close to atmospheric pressure, in front of the gas outlet of at least one apparatus for forming excited or unstable gas species, through which an initial gas mixture (7) comprising an inert gas and/or a reducing gas and/or an oxidizing gas is passed, in order to obtain, at the gas outlet of the apparatus, a primary gas mixture (8) comprising excited or unstable gas species and substantially free of electrically charged species.

Figure 3 to be reproduced.