

METHOD FOR DRY FLUXING OF METALLIC SURFACES,
BEFORE SOLDERING OR TINNING, USING AN ATMOSPHERE
WHICH INCLUDES WATER VAPOUR

Abstract:

The invention relates to a method for dry fluxing of a metallic surface before soldering or tinning using an alloy, according to which the surface to be fluxed is treated, at a pressure close to atmospheric pressure, with a gaseous treatment atmosphere, comprising excited or unstable species and substantially free of electrically charged species, which is obtained from a primary gas mixture (8) and, if appropriate, from an adjacent gas mixture (9, 10), the primary gas mixture being obtained at the gas outlet of at least one apparatus (11, 4, 12) for forming excited or unstable gas species in which an initial gas mixture (7), comprising an inert gas and/or a reducing gas and comprising an oxidizing gas mixture which includes water vapour, has been converted, without the adjacent gas mixture having passed through the apparatus.

Figure 1 to be reproduced.