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(54) Title: COATED WIRE FOR BONDING APPLICATIONS

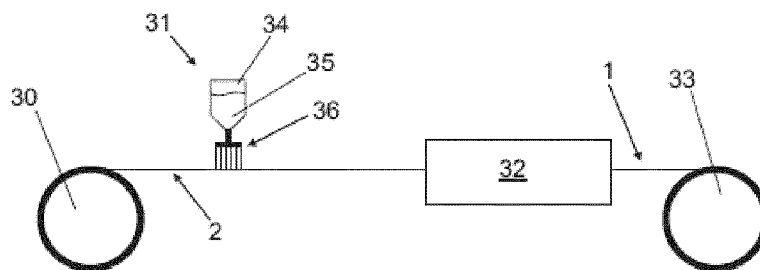


Fig. 5

(57) Abstract: The invention is related to a bonding wire, comprising a core (2) with a surface (15), wherein the core (2) comprises a core main component selected from the group consisting of copper and silver; and a coating layer (3) which is at least partially superimposed over the surface (15) of the core (2), wherein the coating layer (3) comprises a coating component selected from the group palladium, platinum, gold, rhodium, ruthenium, osmium and iridium, wherein the coating layer is applied on the surface of the core by means of depositing a film of a liquid onto a wire core precursor, wherein the liquid contains a coating component precursor, and wherein the deposited film is heated in order to decompose the coating component precursor into a metallic phase.

