

ABSTRACT OF THE DISCLOSURE

EXTRA FINE COPPER WIRE AND PROCESS FOR PRODUCING THE SAME

The extra fine copper wire according to the invention has a diameter of 0.02 to 0.05 mm and comprises a tough pitch copper
5 containing more than 100 to 500 ppm by weight of oxygen, wherein the extra fine copper wire further comprises 5 to less than 200 ppm by weight of at least one metal selected from tin and indium. The dissimilar metal is added in the step of casting. By virtue of the above constitution, the extra fine copper wire according to the
10 invention does not undergo breaking upon cold wire drawing and in addition is free from a deterioration in mechanical properties during storage after wire drawing or upon annealing thereof.

(Figure 1)