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(54) Title: NOVAL LEAD-FREE BRASS ALLOY

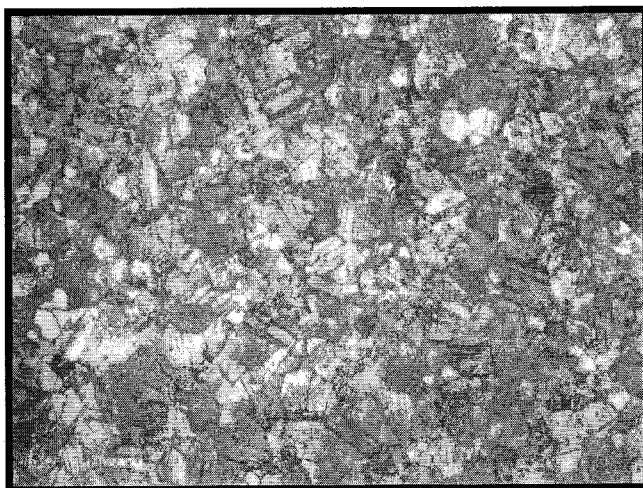


Figure 1: 25.4mm dia – 0.045mm grain size

(57) Abstract: The invention relates to brass alloys that are substantially lead-free. In the alloys of the invention, lead is replaced with tellurium sulfur or blends of tellurium and sulfur resulting in alloys that exhibit excellent machinability and conductivity.