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(72) Inventors; and

(75) Inventors/Applicants (for US only): **CLARK, Craig** [US/US]; PMX Industries Inc., 5300 Willow Creek Drive Sw, Cedar Rapids, IA 52404 (US). **PRATT, Richard** [US/US]; PMX Industries Inc., 5300 Willow Creek Drive Sw, Cedar Rapids, IA 52404 (US). **JOHNSON, Thomas, D.** [US/US]; PMX Industries Inc., 5300 Willow Creek Drive Sw, Cedar Rapids, IA 52404 (US). **SUH, Timothy** [US/US]; PMX Industries Inc., 5300 Willow Creek Drive Sw, Cedar Rapids, IA 52404 (US).(74) Agent: **WILLIAMS, Gregory, G.**; Simmons Perrine Moyer Bergman PLC, 1100 5th Street, Suite 205, Coralville, IA 52241 (US).

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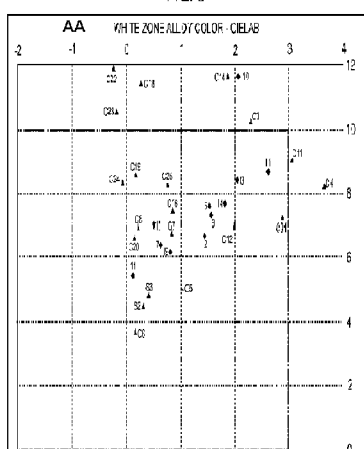
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(54) Title: WHITE-COLORED COPPER ALLOY WITH REDUCED NICKEL CONTENT

FIG. 3



(57) Abstract: Disclosed is a white-colored copper alloy comprising by weight up to 30% zinc, up to 20% manganese, up to 5% nickel with the balance copper. This alloy may have from 6% to 25% zinc, from 4% to 17% manganese, from 0.1% to 3.5% nickel and the balance copper. The balance copper in the alloy may further contain at least one of: up to 0.5% of at least one of the group which consists of Sn, Si, Co, Ti, Cr, Fe, Mg, Zr, and Ag; and up to 0.1% of at least one of the group which consists of P, B, Ca, Ge, Se, Te. It may also contain up to 0.3% Zr by weight. The alloy may have an electrical conductivity greater than 2.5% IACS at eddy current gauge exciting frequencies between 60 kHz and 480 kHz.