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(54) **PISTON RING WITH DUAL COATING**

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(58) **Field of Classification Search**

CPC F16J 9/26; F16J 9/20; F16J 9/206; B23P 15/06; C23C 14/0641

See application file for complete search history.

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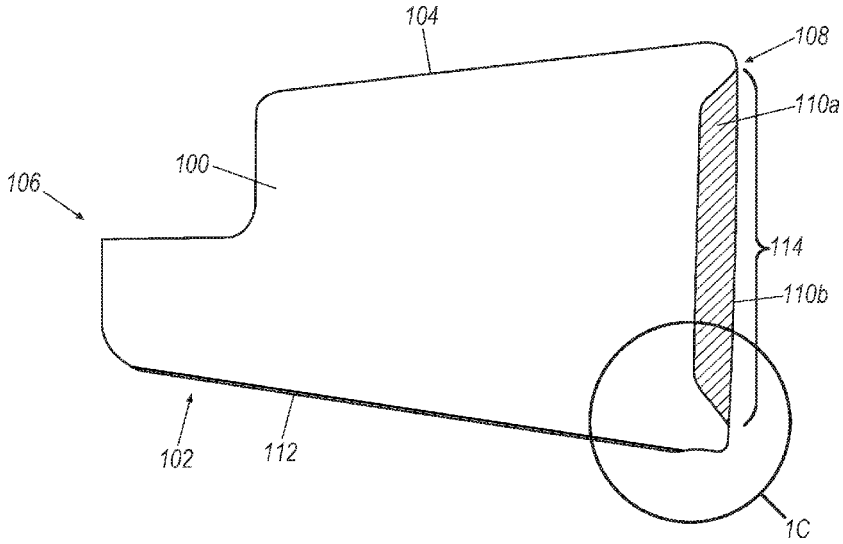
(57) **ABSTRACT**

Exemplary piston rings are disclosed, comprising a base portion formed of a metallic material, and an outer contact surface extending between opposing side faces of the piston ring. The piston ring may include a coating layer applied to the outer contact surface, with the coating layer including an inner layer and an outer layer. Exemplary methods of making a piston ring are also disclosed, comprising providing a base portion formed of a metallic material, applying an inner layer to an outer surface of the base portion, and applying an outer layer on top of the inner layer.

20 Claims, 6 Drawing Sheets