

Title (en)

METHOD FOR COATING THE OUTER SURFACE OF A CYLINDER BUSHING

Title (de)

VERFAHREN ZUM BESCHICHTEN DER AUSSENFLÄCHE EINER ZYLINDERLAUFBUCHSE

Title (fr)

PROCEDE D'APPLICATION D'UN REVETEMENT SUR LA SURFACE EXTERNE D'UNE CHEMISE DE CYLINDRE

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Application

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Abstract (en)

[origin: WO2007025531A1] The invention relates to a method for coating the outer surface of a cylinder bushing. A small segment of the cylinder bushing is immersed into a melt which consists of a zinc based alloy comprising alloy components of aluminium and copper and which extends in a continuous manner over the entire axial length of the cylinder bushing, after cleaning and roughening the external surface, and said cylinder bushing is rotated about the longitudinal axis thereof, until a metal layer is formed on the outer surface of the cylinder bushing, which extends in a continuous manner over the entire length thereof and which consists of a zinc based alloy. The copper prevents an oxide skin, which is difficult to remove from the metal layer, from forming and also increases rigidity in the binding layer.

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