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ABSTRACT**MAGNETIC ANODIZED ALUMINIUM OXIDE with HIGH OXIDATION
RESISTANCE**

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A magnetic anodized aluminium oxide has a layer of anodized aluminium oxide forming a housing for an array of nanowires of a magnetic material formed in nanopores in the layer of anodized aluminium oxide. The nanowires have their side walls embedded in the nanopores in the layer of anodized aluminium oxide

10 for preventing oxidation of the side walls. A corresponding method is also disclosed.

Figure 4

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