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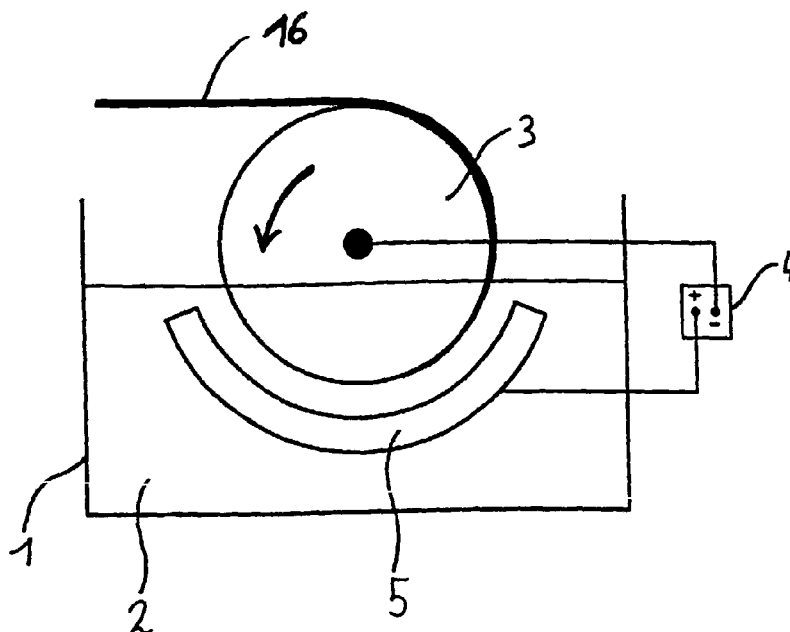
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(54) Title: PROCESS FOR ELECTROPLATING METALLIC AND METALL MATRIX COMPOSITE FOILS, COATINGS AND MICROCOMPONENTS



(57) Abstract: The invention relates to a process for forming coatings or free-standing deposits of nano-crystalline metals, metal alloys or metal matrix composites. The process employs drum plating or selective plating processes involving pulse electrode-position and a non-stationary anode or cathode. Novel nano-crystalline metal matrix composites and micro components are disclosed as well. Also described is a process for forming micro-components with grain sizes below 1,000nm.

WO 2004/001100 A1



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