

[54] APPARATUS FOR SPIN COATING IN THE PRODUCTION OF THIN MAGNETIC LAYERS FOR MAGNETIC DISCS

[75] Inventors: Eberhard Koester, Frankenthal; Paul Deigner, Weisenheim; Roland Falk, Achern; Karl Uhl, Frankenthal; Dieter Schaefer, Ludwigshafen; Dieter Mayer, Ludwigshafen; Herbert Motz, Ludwigshafen; Peter Felleisen, Lampertheim, all of Fed. Rep. of Germany

[73] Assignee: BASF Aktiengesellschaft, Ludwigshafen, Fed. Rep. of Germany

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[58] Field of Search ..... 427/48, 209, 240, 127-132; 118/52-54, 56, 320, 506

[56]

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Primary Examiner—Harris A. Pitlick  
Attorney, Agent, or Firm—Keil & Witherspoon

[57]

ABSTRACT

The invention relates to an improved apparatus for the manufacture of magnetic discs carrying very thin magnetic layers, by applying a fluid dispersion of magnetic materials in a binder mixture to rigid base discs by the spin-coating process. Above the side of the base disc which is to be provided with the magnetic layer, there are arranged means which produce an aerodynamic boundary layer above the discs during rotation of the latter. This avoids the formation of surface irregularities and of coating streaks during production of the layer by spin-coating.

4 Claims, 5 Drawing Figures

