

Title (en)  
THIN-FILM STORAGE DISK AND METHOD.

Title (de)  
DÜNNFILMLAGERPLATTE UND VERFAHREN.

Title (fr)  
DISQUE MEMOIRE A COUCHE MINCE ET PROCEDE.

Publication  
**EP 0213191 A4 19880427 (EN)**

Application  
**EP 86901705 A 19860226**

Priority  
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Abstract (en)  
[origin: WO8605214A1] A method of producing a thin-film magnetic disk (starting with substrates 28 and 30 in Figure 1) having high coercivity and magnetic remanence, good loop squareness, and low fluctuation in peak-to-peak recording signal amplitude over an entire circular recording path. The novel aspects of the method which contribute to the performance characteristics of the disk are (a) layering a 300-1,000 Å magnetic film containing between about 70-88% cobalt, 10-28% nickel, and 2-12% chromium over a 1,000-4,000 Å chromium underlayer: (b) forming the film and underlayer under sputtering deposition conditions which prevent low-angle asymmetrical sputtering: and (c) shielding the disk substrate during sputtering in a manner which produces substantially uniform-thickness deposition.

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IPC 8 full level  
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