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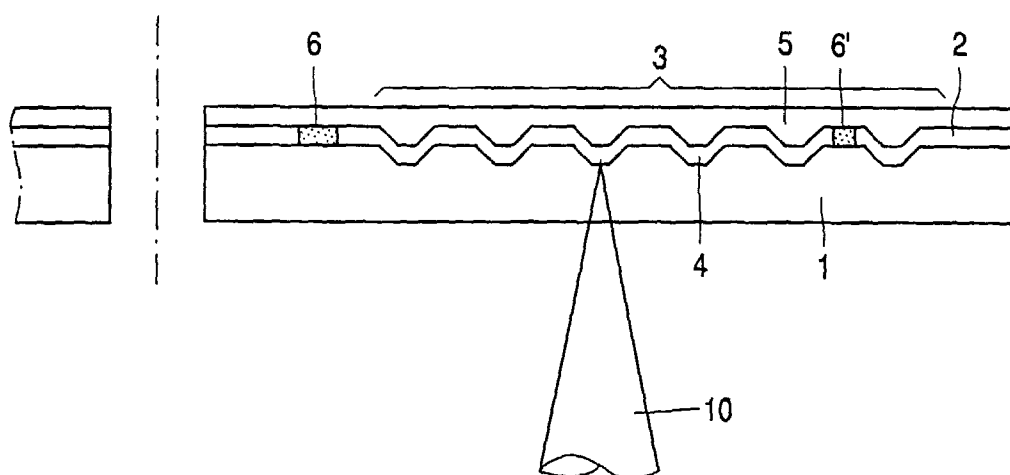
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(54) Title: OPTICAL DATA STORAGE MEDIUM AND USE OF SUCH A MEDIUM



(57) Abstract: The optical data storage medium (20) has a substrate (1) with a surface area having tracks (4) of marks representing stored information. The information is readable by means of a scanning radiation beam (10). A reflective layer (2) is present, reflecting the radiation beam (10). The medium has a radiation beam (10) reflection larger than 50 %. The reflective layer (2) comprises a compound of the formula $Al_{100-y}X_y$, in which formula Al is aluminum and X is an element selected from the group of Ge and Si. The letter y is the atomic fraction of X in at. %. The value of y is in the range $5 < y < 35$. The reflective layer (2) has a radiation beam absorption, which enables controlled ablative recording or solid-phase change recording of an identification mark (6, 6').



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