

Title (en)  
THERMOPLASTIC POLYMER MATERIAL FOR AUDIO AND/OR OPTICAL DATA RECORDING MEDIA

Title (de)  
THERMOPLASTISCHES POLYMER MATERIAL UND GESPRITZTE PLATTEN DARAUS

Title (fr)  
MATERIAU POLYMERES THERMOPLASTIQUE ET DISQUES MOULES

Publication  
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Application  
**EP 02785574 A 20021030**

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Abstract (en)  
[origin: WO03037983A2] The invention concerns moulded discs for audio and/or optical data recording media (such as CD's and DVD's) obtained from a thermoplastic polymer material comprising by weight, (a) 60 to 95 %, preferably 70 to 85 % of thermoplastic resin selected from (1) a methyl methacrylate homopolymer, (2) a copolymer containing in majority units derived from methyl methacrylate monomer, (3) a mixture of homopolymer (1) and/or copolymer (2) with a substituted or unsubstituted styrene copolymer and of at least a monomer selected among (meth)acrylonitrile, maleic anhydride and maleimides or (4) a glutarimide polymer, optionally mixed with a substituted or unsubstituted styrene copolymer and of (meth)acrylonitrile and (b) 5 to 40 %, preferably 15 to 30 % of at least an impact modifier compound in the form of particles with average size ranging between 10 and 200 nm, preferably between 40 and 150 nm.

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IPC 8 full level  
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