

Title (en)
IMPROVED OPTICAL COMPACT DISC, OR CD

Title (de)
VERBESSERTE OPTISCHE COMPACT DISC, ODER CD

Title (fr)
DISQUE OPTIQUE COMPACT (CD) AMELIORE

Publication
EP 1342234 A1 20030910 (EN)

Application
EP 00987613 A 20001215

Priority
IT 0000519 W 20001215

Abstract (en)
[origin: WO0249021A1] The invention concerns an improved optical compact disc, or CD, on which the data, with a binary digital format, are physically memorised as pits and lands of the disc surface along a spiral-shaped track running all along the surface of the disc, said track being scanned, during the data reading phase by a reading optical apparatus, by the reading optical apparatus with a constant linear velocity (CLV), the CD being characterised in that it provides at least a first portion of the track that is scanned, during the data reading phase, with a CLV included between 0.1 m/s and 1.2 m/s, preferably included between 0,9 m/s and 1.2 m/s, and/or at least a second portion of the track wherein the consecutive involutions of the spiral are separated by a constant track pitch included between 1.3 and 1.6 μm , preferably of 1.4 μm .

IPC 1-7
G11B 7/007

IPC 8 full level
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CPC (source: EP)
G11B 7/007 (2013.01)

Citation (search report)
See references of WO 0249021A1

Citation (examination)

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- US 6243354 B1 20010605 - TERASAKI HITOSHI [JP], et al
- JP H10302266 A 19981113 - SANYO ELECTRIC CO
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