

Title (en)

Recording and erasing system for thermoreversible recording medium

Title (de)

Bildaufzeichnungssystem und Bildlöschungssystem für thermoreversibles Aufzeichnungsmaterial

Title (fr)

Système pour l'enregistrement et d'effacement pour matériau d'enregistrement thermoréversible

Publication

EP 0729848 A1 19960904 (EN)

Application

EP 96105217 A 19930208

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- JP 2257392 A 19920207
- JP 2696492 A 19920213
- JP 9278092 A 19920413
- JP 1269793 A 19930128

Abstract (en)

A recording and erasing system uses a thermoreversible medium 1, which is heated to a first temperature so as to make an image visible thereon, and is heated to a second temperature so as to make the image invisible. Such a thermoreversible recording medium tends to carry residual images thereon when its thermoreversibility is reduced after repeated recording and erasing processes. To overcome such a problem, the recording and erasing system includes an erasing data generating means 7 for varying the energy applied to a heating means so that the recording medium can be heated to a predetermined temperature. The recording and erasing system has a means for checking the usability of the recording medium, thereby preventing use of unusable recording mediums. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 0461606 A2 19911218 - MITSUBISHI ELECTRIC CORP [JP], et al
- JP H02188294 A 19900724 - TOPPAN PRINTING CO LTD

Citation (search report)

- [X] EP 0468237 A2 19920129 - MITSUBISHI ELECTRIC CORP [JP]
- [X] EP 0461606 A2 19911218 - MITSUBISHI ELECTRIC CORP [JP], et al
- [X] US 4851924 A 19890725 - NAKAMURA TAKUMA [JP], et al

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EP1398158A4; CN113135051A; US6313856B1; WO9824632A3

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