

Title (en)

Rewritable recording/erasing method and apparatus.

Title (de)

Verfahren und Vorrichtung für die wiedereinschreibbare und löschbare Aufzeichnung.

Title (fr)

Appareil et méthode d'enregistrement et d'effacement réinscriptible.

Publication

**EP 0547572 A1 19930623 (EN)**

Application

**EP 92121382 A 19921216**

Priority

JP 33663391 A 19911219

Abstract (en)

In a rewritable record display using a reversible heat-sensitive record medium, there are provided a rewritably recording and erasing method and apparatus having a display contrast and maximum iterative number which are substantially similar to the limit at which the recording and erasing reactions can be carried out due to the physical or chemical change then the erasing voltage applied to the medium is ranged between 0.3 times and 0.9 times the recording voltage, the image formed on the medium can be completely erased improving the maximum iterative number. In addition, the use of dye other than the organic low-molecular substance showed the characteristics similar to those of the organic low-molecular dye.

IPC 1-7

**B41M 5/28**

IPC 8 full level

**B41M 5/337** (2006.01); **B41J 2/32** (2006.01); **B41M 5/36** (2006.01)

CPC (source: EP)

**B41M 5/363** (2013.01)

Citation (search report)

- [X] US 4837071 A 19890606 - TAGOKU IZUMI [JP], et al
- [X] US 4851924 A 19890725 - NAKAMURA TAKUMA [JP], et al
- [X] US 4917948 A 19900417 - HOTTA YOSHIHIKO [JP]
- [X] EP 0429010 A2 19910529 - OKI ELECTRIC IND CO LTD [JP]
- [X] EP 0382241 A2 19900816 - PILOT INK CO LTD [JP]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0547572 A1 19930623**; **EP 0547572 B1 19960724**; CA 2084955 A1 19930620; DE 69212445 D1 19960829; DE 69212445 T2 19961128; JP H05169841 A 19930709

DOCDB simple family (application)

**EP 92121382 A 19921216**; CA 2084955 A 19921209; DE 69212445 T 19921216; JP 33663391 A 19911219