

Title (en)

Heat transfer recording apparatus.

Title (de)

Aufzeichnungsapparat mittels Wärmeübertragung.

Title (fr)

Appareillage enregistreur à base de transfert de chaleur.

Publication

EP 0050308 A1 19820428 (EN)

Application

EP 81108322 A 19811014

Priority

- JP 14441980 A 19801017
- JP 16079780 A 19801117
- JP 17029080 A 19801204
- JP 17029180 A 19801204
- JP 17407780 A 19801210
- JP 17891880 A 19801219

Abstract (en)

In a heat transfer recording apparatus, the recording medium (4) and ink donor sheet (5) are drawn from separate sources and drawn together only for the recording operation. A stress absorbing roller (9) and/or brake mechanism can be used to minimize wrinkles in the thin ink donor sheet. A compact automatic/manual paper feed mechanism uses the retard roll to feed manually supplied paper, and switching between automatic and manual feed is automatic when paper is manually inserted. A control circuit maintains the donor sheet transport disabled until recording paper is detected approaching the recording station, and in the case of separate manual and automatic paper feed passages, a single sensor element covers both passages. A separating guide member is disposed adjacent the donor film at a point where its path abruptly changes, to peel off the copied paper.

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CPC (source: EP)

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Citation (search report)

- [A] US 3648609 A 19720314 - RITZERFELD GERHARD
- [A] US 4039832 A 19770802 - KVARNEGARD SVEN BERTIL

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CN102112316A; FR2588213A1; US4879268A; FR2566704A1; CN108349677A; EP0203595A3; EP0098033A3; DE3333537A1; US8110069B2; WO2008053299A3

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